

## Domestic Trade and Services

This section presents statistics relating to the distributive trades and service industries. Data shown for the trades, classified by kind of business, and for the various categories of services (e.g., personal, business, repair, hotel) cover sales or receipts, establishments, employees, payrolls, and other items. Also included are data for franchised businesses.

The principal sources of these data are census reports and survey reports of the Bureau of the Census. Data on national income originating in trade and services appear in the monthly *Survey of Current Business*, issued by the Bureau of Economic Analysis. Financial data for firms engaged in retail, wholesale, or service activities appear in the annual *Statistics of Income*, published by the Internal Revenue Service.

**Censuses.**—Censuses of retail trade, wholesale trade, and the service industries have been taken at various intervals since 1929. Beginning with the 1967 Census, legislation provides for a census to be conducted every 5 years (for years ending in "2" and "7").

The establishments covered in the censuses and surveys of business are those classified in 3 divisions defined in the *Standard Industrial Classification Manual, 1972* (see text, page 402). *Retail Trade* refers to places of business primarily engaged in selling merchandise for personal or household consumption; *Wholesale Trade*, to establishments primarily engaged in selling goods to dealers and distributors for resale or to purchasers who buy for business and farm uses; and *Services*, to establishments primarily engaged in providing a wide range of services for individuals and for businesses.

Prior to 1977, the censuses excluded health services (except dental laboratories), educational services, social services, membership organizations, and others performing a professional or scientific service (except engineering, architectural, and surveying services). These were covered in the 1977 Census of Service Industries. In addition, in 1977, the distinction between taxable and tax-exempt establishments was made for all service industries. Table 1450 provides data for 1977 for all tax-exempt establishments with payroll in the service industry covered in the Census, by kind of operation, as well as data on taxable establishments in industries covered for the first time in the 1977 Census. (See footnote 5, table 1448, for industries which for the first time in 1977, are divided between taxable and tax-exempt establishments.) For comparability, other tables presented are for only those service industries covered in the 1972 Census of Selected Services. Still excluded from the censuses are religious organizations, public utilities, and Government-operated enterprises except wholesale and retail liquor operations.

Data from the 1958 Census exclude retail and service nonemployer establishments which had annual receipts of less than \$2,500 and \$1,000, respectively. Beginning with the 1963 Census, non-employer establishments which did not operate the entire year were included if, during the period they operated, their receipts were at a rate which would have reached the annual totals specified had they operated the entire year. Wholesale trade establishments with no paid employment are excluded. Beginning in 1977, nonemployer direct sellers are excluded in the Census of Retail Trade. Also beginning in 1977, these censuses excluded sales taxes and finance charges in their report of sales (or receipts) figures.

**Current surveys.**—Current sample surveys conducted by the Bureau of the Census cover various aspects of the retail and wholesale trade and selected service industries. Its *Monthly Retail Trade Report* contains monthly estimates of sales, inventories, and sales of organizations operating 11 or more retail stores (see table 1428), for the United States, by kind of business. In addition, monthly retail sales data for census regions and divisions, 19 large States, 23 large standard metropolitan statistical areas, and 5 large cities are included. Annual figures on sales, yearend inventories, and sales/inventories ratios, by kind of business, appear in the *Annual Retail Trade Report*.

Statistics from the Bureau's monthly wholesale trade survey include national estimates of merchant wholesalers' sales, inventories, and stock-sales ratios by major summary groups—durable and nondurable—and selected kinds of businesses. These data, based on reports submitted by a sample of firms, appear in the *Monthly Wholesale Trade Report*. Annual figures on sales, sales-inventory ratios, and yearend inventories appear in the *Annual Wholesale Trade Report*.

The *Service Annual Survey* provides annual estimates of receipts for selected service establishments for the United States as a whole.

For the current sample survey programs, retail trade coverage is the same as for the census; wholesale trade coverage is limited to merchant wholesalers; and selected services coverage is less inclusive than the census.

Estimates obtained from annual and monthly surveys are based on sample data and are not expected to agree exactly with results that would be obtained from a complete census of all establishments. Data include estimates for establishments not reporting.

**Statistical reliability.**—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

**NO. 1423. NATIONAL INCOME ORIGINATING IN DOMESTIC TRADE AND SERVICE INDUSTRIES:  
1960 TO 1982**

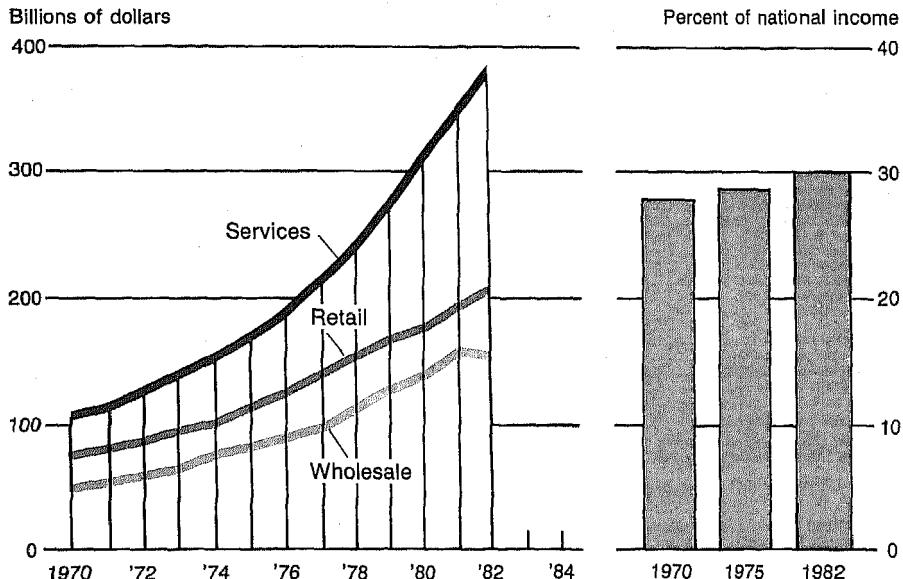
(In billions of dollars, except percent. Data for 1960 exclude Alaska and Hawaii. For definition of national income, see text, p. 445. Refers to national income without capital consumption adjustment. Data represent net value added at factor cost. Based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970*, series T 1-14, for single-year data prior to revisions issued in 1981.)

INDUSTRY	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
National income, total.....	420.8	571.1	814.8	1,267.4	1,413.0	1,586.0	1,802.0	2,015.8	2,174.0	2,426.5	2,492.4
Wholesale and retail trade.....	64.6	84.9	123.5	195.3	215.3	238.8	267.4	296.6	316.6	351.9	362.2
Percent of total national income.....	15.4	14.9	15.2	15.4	15.3	15.1	14.8	14.7	14.6	14.5	14.5
Wholesale trade.....	24.7	32.1	46.9	81.1	87.6	97.8	109.8	126.3	137.6	154.0	152.4
Retail trade.....	40.0	52.8	76.6	114.2	127.7	140.9	157.6	170.3	179.1	197.9	209.7
Services.....	44.7	64.3	104.1	168.7	188.7	212.1	240.7	274.0	310.0	348.8	386.0
Percent of total national income.....	10.6	11.3	12.8	13.3	13.4	13.4	13.4	13.6	14.3	14.4	15.5
Hotels and other lodging places.....	2.0	2.8	4.5	7.0	8.0	8.9	10.9	12.6	13.8	15.3	16.2
Personal services.....	4.6	6.0	7.6	9.6	9.4	10.4	11.6	12.5	13.3	14.0	15.0
Miscellaneous business services.....	5.4	8.9	15.0	24.0	27.8	32.8	38.5	46.5	53.0	60.5	66.4
Auto repair, services, and garages.....	1.7	2.4	3.7	6.2	7.0	8.1	9.5	10.4	11.2	12.5	13.5
Miscellaneous repair services.....	1.1	1.5	2.2	3.6	3.9	4.5	5.2	5.8	6.8	6.9	7.2
Motion pictures.....	.9	1.2	1.7	1.9	2.5	3.0	3.8	4.1	3.8	4.1	4.5
Amusement and recreation services.....	1.7	2.2	3.2	5.2	5.9	6.8	7.4	8.1	9.0	10.3	11.2
Medical and other health services.....	10.7	15.8	29.4	54.1	60.8	68.0	76.0	86.1	99.6	114.3	130.2
Legal services.....	2.7	4.2	6.7	11.5	12.7	14.4	16.1	18.4	21.3	23.7	27.5
Educational services.....	2.2	3.7	7.0	11.0	11.4	11.7	12.7	14.0	15.4	17.1	18.4
Membership organization <sup>1</sup> .....	4.5	6.4	10.0	15.6	16.8	18.1	20.4	22.4	24.9	27.0	28.0
Miscellaneous professional services.....	3.4	5.2	8.8	15.4	17.0	19.5	22.5	26.4	31.0	36.0	39.3
Private households.....	3.8	4.0	4.5	4.6	5.4	5.9	6.2	6.5	6.6	7.0	7.6

<sup>1</sup> Includes social services.

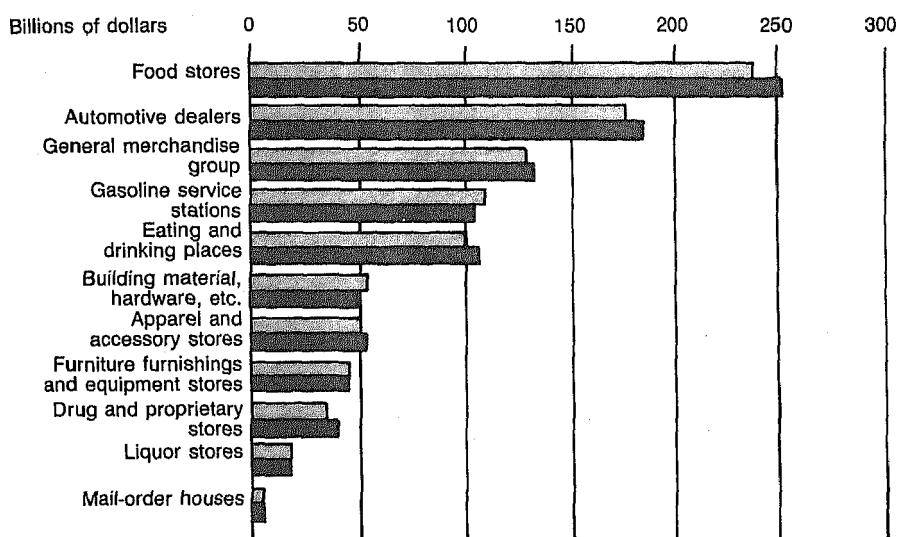
Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July 1983.

Figure 30.1

**National Income Originating in Domestic Trade and Services: 1970 to 1982**

Source: Chart prepared by U.S Bureau of the Census. For data, see table 1423.

Figure 30.2

**Retail Store Sales, by Kind of Business: 1981 and 1982**

Source: Chart prepared by U.S Bureau of the Census. For data, see table 1427.

## Domestic Trade and Services

## No. 1424. PERSONS IN DOMESTIC TRADE AND SERVICE INDUSTRIES: 1960 TO 1982

[In thousands. Data represent worker years of full-time equivalent employment by persons working for wages or salaries and by active partners and proprietors of unincorporated businesses. Based on 1972 Standard Industrial Classification. See *Historical Statistics, Colonial Times to 1970*, series T 15-28, for single year data prior to minor revisions issued in 1981.]

INDUSTRY	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
<b>Wholesale and retail.....</b>	<b>12,429</b>	<b>13,109</b>	<b>14,764</b>	<b>16,230</b>	<b>16,800</b>	<b>17,526</b>	<b>18,468</b>	<b>19,081</b>	<b>19,080</b>	<b>19,269</b>	<b>19,089</b>
Wholesale trade .....	3,410	3,633	4,105	4,482	4,647	4,786	5,021	5,287	5,345	5,471	5,363
Retail trade .....	9,019	9,476	10,659	11,748	12,153	12,740	13,447	13,794	13,715	13,788	13,726
<b>Services.....</b>	<b>9,761</b>	<b>11,213</b>	<b>13,250</b>	<b>15,185</b>	<b>15,744</b>	<b>16,506</b>	<b>17,467</b>	<b>18,351</b>	<b>18,999</b>	<b>19,712</b>	<b>20,072</b>
Hotels and other lodging places.....	688	829	993	1,097	1,100	1,162	1,194	1,224	1,252	1,303	1,335
Personal services.....	1,215	1,306	1,323	1,135	1,167	1,195	1,225	1,260	1,270	1,276	1,273
Business services.....	815	1,155	1,655	2,024	2,144	2,319	2,590	2,857	3,045	3,237	3,313
Auto repair, services, garages.....	385	440	494	598	635	675	733	784	786	815	851
Misc. repair services.....	262	292	312	388	390	413	428	467	461	506	501
Motion pictures.....	162	159	180	211	217	231	239	250	243	264	259
Amusement, recreational services.....	308	340	397	508	541	569	604	631	665	678	687
Health services.....	1,763	2,101	2,878	4,046	4,219	4,432	4,662	4,878	5,119	5,370	5,553
Legal services.....	297	330	385	465	498	542	577	615	643	683	729
Educational services.....	621	792	998	1,184	1,185	1,188	1,213	1,251	1,295	1,325	1,324
Membership organizations <sup>1</sup> .....	1,217	1,477	1,756	1,856	1,898	1,916	2,035	2,124	2,180	2,176	2,151
Misc. professional services.....	431	516	726	887	936	1,009	1,114	1,207	1,284	1,393	1,369
Private households.....	1,597	1,476	1,153	786	814	854	853	803	755	740	727

<sup>1</sup> Includes social services.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July 1983.

## No. 1425. RETAIL TRADE—SUMMARY: 1948 TO 1977

[Prior to 1958 and as noted, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47 and T 78-91.]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total.....	1,000.....	(NA)	(NA)	(NA)	1,532	1,577	1,665	1,567
Multilunit establishments <sup>1</sup> .....	1,000.....	163	167	183	220	220	291	382
Establishments, total .....	1,000.....	1,770	1,722	1,795	1,708	1,763	1,780	1,855
With payroll .....	1,000.....	1,118	1,124	1,185	1,206	1,192	1,265	1,304
With sales of \$1,000,000 or more.....	1,000.....	(NA)	(NA)	(NA)	(NA)	74	118	
Consumer Price Index: <sup>3</sup>								
All items.....	1972=100.....	57.5	64.2	69.1	73.2	79.8	100.0	144.9
All commodities.....	1972=100.....	66.5	71.1	74.9	77.4	82.7	100.0	144.5
Sales.....	Bil. dol.....	130.5	170.0	200.4	244.2	310.2	457.4	723.1
By establishments with payroll.....	Bil. dol.....	118.4	157.9	187.8	233.1	295.2	440.2	699.6
By multilunit establishments <sup>1</sup> .....	Bil. dol.....	38.7	51.2	67.2	89.5	123.5	201.8	340.7
Percent of total sales .....	Percent.....	29.6	30.1	33.5	36.6	39.8	44.0	47.1
Percent of multilunit sales by 101-or-more establishment multilunits <sup>1</sup> .....	Percent.....	41.6	41.8	42.4	43.1	46.7	55.8	55.8
In 1972 dollars <sup>4</sup> .....	Bil. dol.....	201.6	245.4	270.7	311.1	370.6	459.0	512.7
Percent of sales by corporations.....	Percent.....	46.9	48.4	53.0	61.9	67.4	76.4	79.8
Per capita sales: <sup>5</sup>								
Current dollars.....	Dollars.....	893	1,050	1,151	1,296	1,571	2,204	3,342
Constant (1972) dollars <sup>4</sup> .....	Dollars.....	1,380	1,516	1,554	1,651	1,877	2,204	2,369
Sales as percent of personal income.....	Percent.....	62.1	58.6	55.5	52.5	49.3	48.9	47.6
Sales, inside SMSA's <sup>6</sup> .....	Bil. dol.....	80.9	(NA)	133.0	169.8	221.4	(NA)	551.8
Percent of total sales .....	Percent.....	82.0	(NA)	66.4	69.5	71.4	(NA)	76.3
Percent of SMSA sales in central cities .....	Percent.....	71.1	(NA)	64.0	57.2	55.0	(NA)	
Payroll, entire year.....	Bil. dol.....	13.6	18.2	21.7	27.6	36.2	55.4	85.9
Percent of sales .....	Percent.....	10.4	11.5	11.5	11.3	11.7	12.1	11.9
Average weekly wage .....	Dollars.....	(NA)	50	52	66	74	95	127
Paid employees, March 12 workweek <sup>7</sup> .....	1,000.....	6,918	7,124	7,942	8,410	9,381	11,211	13,040
Active proprietors of unincorporated businesses .....	1,000.....	1,742	1,766	1,825	1,546	1,624	(NA)	

NA Not available. <sup>1</sup> Establishments operated by firms which operate at two or more locations. <sup>2</sup> Excludes Alaska and Hawaii. <sup>3</sup> Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*. <sup>4</sup> Source: U.S. Bureau of Economic Analysis. <sup>5</sup> Based on estimated resident population as of July 1. <sup>6</sup> For definition of SMSA, see Appendix II. <sup>7</sup> 1948-1963 data for week including November 15.

Source: Except as noted, U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. I; *1954*, vol. I; *1958*, vol. I; *1963*, vol. I; *1967*, vol. I; and *Census of Retail Trade, 1972*, RC 72-S-1 and *1977*, RC 77-52.

# Retail Trade Sales

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## NO. 1426. RETAIL TRADE SALES—SUMMARY: 1967 TO 1983

[Data reflect use of a sample based on definition and classifications according to the 1977 Census of Retail Trade and are adjusted for methodological revision effective in August 1977. Based on Current Business Survey, see Appendix III. Minus sign (-) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series T 197, 245, 246, and 255]

YEAR	CURRENT DOLLARS						CONSTANT (1972) DOLLARS <sup>2</sup>			
	Total sales (bil. dol.)	Annual per cent change	Per capita <sup>1</sup> (dol.)	Index of sales (1972 = 100)	Durable goods (bil. dol.)	Nondurable goods (bil. dol.)	Total sales (bil. dol.)	Annual per cent change	Per capita <sup>1</sup> (dol.)	
						Total				
1967	293.0	(*)	1,484	65.2	88.7	204.2	31.1	350.9	(*)	1,777
1968	324.4	10.7	1,627	72.2	101.7	222.7	34.6	372.3	6.1	1,867
1969	346.7	6.9	1,722	77.2	108.6	238.1	37.0	383.0	2.9	1,902
1970	368.4	6.3	1,808	82.0	109.2	259.2	38.5	391.1	2.1	1,917
1971	406.2	10.3	1,970	90.4	128.8	277.4	43.1	416.0	6.4	2,011
1972	449.1	10.6	2,157	100.0	148.4	300.6	49.1	447.8	7.6	2,140
1973	509.5	13.4	2,428	113.4	172.9	336.8	54.7	478.9	6.9	2,266
1974	541.0	6.2	2,559	120.5	169.4	371.6	57.7	458.2	-4.3	2,146
1975	588.1	8.7	2,761	131.0	183.0	405.2	61.8	481.5	.7	2,142
1976	657.4	11.8	3,062	146.4	217.8	439.6	68.2	490.6	6.3	2,255
1977	725.2	10.3	3,344	161.5	248.7	476.5	76.5	516.2	5.2	2,349
1978	807.4	11.3	3,983	179.8	278.6	528.8	84.1	540.2	4.6	2,432
1979	900.6	11.9	3,983	200.5	302.4	598.2	89.2	551.8	2.1	2,457
1980	962.8	6.9	4,251	214.4	292.8	670.0	93.3	535.7	-2.9	2,358
1981	1,047.6	8.8	4,568	233.3	316.0	731.6	103.7	543.6	1.5	2,370
1982	1,075.7	2.7	4,646	238.5	320.9	754.8	107.0	536.9	-1.2	2,319
1983, Jan.-June <sup>4</sup>	545.9	57.5	2,343	(X)	176.5	369.4	48.1	280.1	5.0	1,202

X Not applicable. <sup>1</sup> Based on Bureau of the Census estimates of resident population as of July 1, except 1983, as of March 1. <sup>2</sup> Source: Bureau of Economic Analysis. <sup>3</sup> 1966 data not comparable with 1957. <sup>4</sup> Data unadjusted for seasonal variation and trading day differences. <sup>5</sup> Change from Jan.-June, 1982.

Source: Except as noted, U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business and Business Conditions Digest*, both monthly.

## NO. 1427. RETAIL TRADE—SALES, BY KIND OF BUSINESS: 1967 TO 1983

[In billions of dollars. Based on 1972 Standard Industrial Classification. Data reflect methodological revision effective Aug. 1977. Based on Current Business Survey, see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series T 245-271]

KIND OF BUSINESS	1967	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983, Jan.-June <sup>1</sup>
Retail trade, total	293.0	368.4	588.1	657.4	725.2	807.4	900.6	962.8	1,047.6	1,075.7	545.9
Durable goods stores, total <sup>2</sup>	88.7	109.2	183.0	217.8	248.7	278.6	302.4	292.8	316.0	320.9	176.5
Automotive dealers	53.8	62.6	106.8	129.8	150.0	166.1	174.7	158.3	173.9	182.4	106.6
Motor veh., misc. automotive dealers	49.7	56.9	96.8	118.9	137.1	152.2	168.8	140.7	154.7	161.5	96.1
Motor vehicle dealers	48.0	55.0	89.0	111.3	128.8	143.0	148.5	132.3	145.6	153.1	91.0
Motor vehicle dealers, franchised	45.0	51.8	84.2	105.2	121.9	134.8	139.2	124.8	136.6	143.9	84.6
Auto and home supply stores	4.2	5.6	9.9	10.9	12.9	13.9	15.9	17.6	19.2	20.9	10.5
Building materials, hardware, garden supply, mobile home dealers <sup>2</sup>	13.3	17.6	27.0	33.0	38.9	45.0	50.7	50.4	52.0	49.0	26.2
Building materials, supply stores	9.0	11.2	18.0	22.5	27.1	31.9	36.3	35.1	36.0	34.2	18.7
Hardware stores	2.8	3.2	5.1	5.4	6.1	6.7	8.0	8.5	8.8	8.4	4.1
Furniture, home furnishings, equipment <sup>2</sup>	14.2	17.7	26.9	30.0	33.2	36.9	42.8	44.9	47.5	46.5	23.1
Furniture, home furnishings stores	8.3	10.6	16.2	18.0	20.3	22.5	25.6	26.3	27.5	26.7	13.7
Household appliance, radio, TV	5.0	6.0	8.3	9.2	10.0	10.9	13.3	14.6	15.9	15.8	7.7
Nondurable goods stores, total <sup>2</sup>	204.2	259.2	405.2	439.6	476.5	528.8	598.2	670.0	731.6	754.8	369.4
Apparel and accessory stores <sup>2</sup>	16.3	20.2	31.3	33.7	35.6	40.5	43.4	46.2	50.3	52.0	23.6
Men's, boys' clothing, furnishings	3.4	4.4	6.4	6.5	6.9	7.5	7.8	7.8	8.2	8.1	3.6
Women's clothing, specialty stores, furriers	6.4	7.7	12.4	13.4	13.5	15.7	16.7	17.2	18.6	19.3	9.1
Women's ready-to-wear stores	5.3	6.7	11.3	12.3	12.4	14.5	15.3	15.7	16.9	17.2	8.2
Family clothing stores	3.1	3.8	6.6	7.2	8.1	8.3	8.8	9.8	10.7	10.8	4.5
Shoe stores	2.9	3.6	4.6	5.0	5.7	6.6	7.7	8.3	9.3	9.9	4.8
Drug stores and proprietary stores	10.8	13.8	19.9	21.6	23.2	25.4	28.2	30.6	33.6	35.8	16.6
Eating and drinking places	23.5	31.1	51.1	57.2	63.3	71.9	82.3	90.4	98.6	107.4	57.2
Food stores	68.4	88.7	138.4	148.0	157.9	175.7	199.2	222.7	241.1	252.8	126.8
Grocery stores	64.2	81.5	129.3	138.2	147.3	164.5	186.4	207.8	225.0	236.5	119.2
Gasoline service stations	22.6	29.2	47.5	52.0	56.5	60.8	75.3	97.4	108.2	104.6	49.8
General merchandise group stores <sup>2</sup>	41.0	50.3	78.0	84.3	93.5	103.3	110.3	115.7	127.9	131.3	58.7
Department stores	31.1	38.5	61.8	68.2	76.5	84.1	89.2	93.3	103.7	107.0	48.1
Variety stores	5.3	6.6	8.0	7.2	7.1	7.4	8.1	8.2	8.7	8.7	3.9
Misc. gen. merchandise group stores <sup>3</sup>	(S)	(S)	(S)	(S)	(S)	11.8	13.1	14.2	15.6	15.5	6.6
Liquor stores	6.6	8.3	11.8	12.4	13.0	13.8	15.6	17.5	18.6	19.0	6.7
Non-store retailers											
Mail-order houses (department store merchandise)	(NA)	(NA)	(NA)	(NA)	(NA)	4.4	4.4	4.5	4.9	4.9	2.2

NA Not available. S Estimate does not meet publication standards. <sup>1</sup> Unadjusted for seasonal variation. <sup>2</sup> Includes kinds of business not shown separately. <sup>3</sup> Includes catalog showroom stores.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Monthly Retail Trade*.

## NO. 1428. RETAIL TRADE—SALES OF MULTIUNIT ORGANIZATIONS: 1978 TO 1982

[In billions of dollars. Data based on sales of companies which had 11 or more retail establishments according to the most recent update of multiestablishment files selected with certainty (i.e., their sales size exceeded specified dollar volume cutoffs which varied by kind of business). For details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 197-219.]

KIND OF BUSINESS	SALES					PERCENT OF TOTAL RETAIL SALES				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
Total sales.....	281.4	308.7	337.7	372.0	389.0	34.9	34.3	35.1	35.5	36.2
Durable goods stores.....	22.0	24.1	24.7	26.9	28.2	7.9	8.0	8.4	8.5	8.8
Auto and home supply stores.....	3.3	3.5	3.7	4.0	4.1	23.7	22.0	21.0	20.8	19.6
Nondurable goods stores <sup>1</sup> .....	259.4	284.6	312.9	345.1	360.8	49.1	47.6	46.7	47.2	47.8
Apparel and accessory stores <sup>1</sup> ....	14.8	16.0	17.0	18.7	20.1	36.5	36.9	36.8	37.2	36.7
Women's apparel, accessories.....	6.5	7.0	7.4	8.1	8.4	41.4	41.9	43.0	43.5	43.5
Shoe stores.....	2.9	3.2	3.5	3.9	4.3	43.9	41.6	42.2	41.9	43.4
Drug and proprietary stores.....	12.4	14.2	16.2	17.9	19.1	48.8	50.4	52.9	53.3	53.4
Food stores.....	94.3	104.2	115.1	127.6	135.4	53.7	52.3	51.7	52.9	53.6
Grocery stores.....	93.2	103.0	113.7	125.7	133.5	56.7	55.3	54.7	55.9	56.4
General merchandise group.....	93.3	99.4	105.2	115.3	119.2	90.3	90.1	90.9	90.1	90.8
Department stores.....	80.2	85.6	90.7	99.5	102.9	95.4	96.0	97.2	95.9	98.2
Variety stores.....	5.8	6.2	6.6	6.9	7.1	78.4	76.5	80.5	79.3	81.6
Misc. gen. merchandise group stores.....	7.3	7.6	7.9	8.9	9.2	61.9	58.0	56.6	57.1	59.4

<sup>1</sup> Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual* and *Monthly Retail Trade Reports*.

## NO. 1429. RETAIL TRADE—MERCHANTISE INVENTORIES AND SALES-INVENTORY RATIOS: 1978 TO 1981

[As of Dec. 31. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES AT COST <sup>1</sup> (bil. dol.)				SALES-INVENTORY RATIOS <sup>3</sup>				
	Total <sup>2</sup>				Retail stores only, 1981	Total <sup>2</sup>			Retail stores only, 1981
	1978	1979	1980	1981		1978	1979	1980	
Total.....	100.3	108.5	113.6	123.6	107.9	8.0	8.3	8.5	8.5
Total (excluding automotive group).....	75.1	81.8	89.0	97.0	82.0	8.5	8.9	9.0	9.0
Durable goods stores <sup>4</sup> .....	49.6	53.2	53.8	58.4	55.3	5.6	5.7	5.4	5.4
Automotive dealers.....	25.2	26.7	24.5	26.6	26.0	6.6	6.5	6.4	6.5
Motor vehicle and misc. automotive dealers.....	22.5	23.5	21.2	23.2	22.9	6.8	6.8	6.6	6.7
Motor vehicle dealers.....	20.1	21.1	18.9	20.6	20.4	7.1	7.0	7.0	7.1
Motor vehicle dealers (franchised).....	19.1	19.9	18.0	19.6	19.4	7.1	7.0	6.9	7.0
Automotive and home supply stores.....	2.8	3.2	3.4	3.5	3.1	5.0	5.2	5.6	6.3
Building materials, hardware, garden supplies, mobile home dealers.....	8.1	8.6	9.3	9.7	9.1	5.6	5.9	5.4	5.3
Building materials, supply, hardware stores.....	6.7	7.4	7.9	8.3	7.8	5.8	6.0	5.5	5.3
Building materials and supply stores.....	5.0	5.4	5.7	6.0	5.6	6.4	6.7	5.9	6.4
Hardware stores.....	1.7	2.0	2.2	2.3	2.3	3.9	4.1	3.9	3.9
Furniture, home furnishings, equipment stores <sup>4</sup> .....	7.8	8.7	9.2	9.7	8.5	4.7	4.9	4.9	4.9
Furniture, home furnishings.....	4.5	5.0	5.2	5.5	5.0	5.0	5.2	5.0	5.0
Furniture stores.....	3.4	3.8	3.9	4.1	3.6	4.6	4.7	4.6	4.6
Household appliance, radio, TV.....	2.3	2.7	2.9	3.1	2.5	4.7	5.0	5.1	5.2
Household appliance stores.....	1.1	1.2	1.3	1.4	1.1	5.1	5.5	5.4	5.5
Jewelry stores.....	2.5	2.5	3.2	3.8	3.7	2.5	2.6	2.5	2.3
Nondurable goods stores <sup>4</sup> .....	50.8	55.3	59.7	65.2	52.7	10.4	10.8	11.2	11.2
Apparel and accessory stores <sup>4</sup> .....	8.5	8.9	9.5	10.6	9.9	4.8	4.9	4.9	5.1
Men's, boys' clothing, furnishings.....	1.9	2.0	1.9	2.1	2.0	3.9	3.9	4.0	3.9
Women's ready-to-wear stores.....	2.2	2.3	2.4	2.7	2.6	6.5	6.8	6.5	6.6
Family clothing stores.....	1.8	1.8	2.0	2.2	2.0	4.7	4.9	4.9	5.4
Shoe stores.....	1.8	1.9	2.1	2.4	2.2	3.7	3.9	3.9	4.2
Drug and proprietary stores.....	4.3	4.9	5.1	5.6	4.9	5.9	5.8	6.0	6.0
Eating and drinking places.....	1.9	1.9	2.0	2.2	1.8	37.5	44.0	44.1	44.4
Food stores.....	10.5	11.8	13.1	14.3	11.0	16.8	16.9	17.0	16.9
Grocery stores.....	10.0	11.3	12.5	13.6	10.4	16.4	16.5	16.6	16.6
Gasoline service stations.....	1.9	2.5	3.2	3.4	3.0	31.2	30.6	30.6	32.2
General merchandise group stores.....	18.1	19.3	19.8	21.8	16.7	5.7	5.7	5.9	7.7
Dept'l. stores, misc. general merchandise stores.....	16.3	17.3	17.8	19.8	15.1	5.9	5.9	6.0	7.9
Department stores.....	13.5	14.3	14.6	16.3	12.0	6.2	6.3	6.4	8.7
Variety stores.....	1.9	2.0	1.9	2.0	1.7	4.0	4.1	4.2	4.4
Liquor stores.....	1.5	1.8	2.1	2.2	1.9	8.9	8.6	8.5	9.6

<sup>1</sup> Excludes supplies and equipment used in store and warehouse operations that are not for resale.

<sup>2</sup> Includes warehouses.

<sup>3</sup> Relates annual sales to yearend inventories.

<sup>4</sup> Includes kinds of business not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual Retail Trade Report*.

## No. 1430. DEPARTMENT STORES—SALES, INVENTORIES, AND ACCOUNTS RECEIVABLE: 1975 TO 1982

[Sales and inventories figures for 1978–1982 reflect revisions based on data derived from the 1981 Retail Trade Report. Covers stores normally employing 25 or more persons and carrying a general line of apparel, homefurnishings, and housewares, with no one of the 3 categories accounting for as much as 80 percent of total sales]

ITEM	Unit	1975	1976	1977	1978	1979	1980	1981	1982
Sales, total.....	Bil. dol.....	61.8	68.2	76.5	84.1	89.2	93.3	103.7	107.0
Percent department of all retail.....	Percent .....	10.5	10.4	10.5	10.4	9.9	9.7	9.9	9.9
Inventories (Dec. 31):									
Warehouse and stores.....	Bil. dol.....	9.1	10.1	12.0	13.5	14.3	14.6	16.4	16.7
Stores only.....	Bil. dol.....	(NA)	(NA)	9.5	10.3	11.0	10.8	12.0	(NA)
Sales-inventory ratio <sup>1</sup> .....	Ratio.....	(NA)	(NA)	6.2	6.2	6.3	6.4	6.3	6.4
Accounts receivable (Dec. 31).....	Bil. dol.....	11.8	13.0	16.0	16.0	17.9	19.2	20.6	21.2
Charge accounts <sup>2</sup> .....	Bil. dol.....	1.2	1.3	1.0	1.0	1.1	.8	.7	.7
Installment accounts <sup>3</sup> .....	Bil. dol.....	10.6	11.7	15.0	15.0	16.8	18.4	19.8	20.5

NA Not available. <sup>1</sup> Ratio of annual sales to yearend inventories. <sup>2</sup> Full payment is scheduled to be made at end of customary billing period. <sup>3</sup> Receivables scheduled to be paid in 2 or more payments.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BR, *Annual* and *Monthly Retail Trade*.

## No. 1431. COMMERCIAL AND INSTITUTIONAL GROUPS—ESTIMATED FOOD AND DRINK SALES AND PURCHASES: 1970 TO 1981

[Excludes military. Data refer to sales to consumers and purchases by establishments of food and alcoholic beverages]

TYPE OF GROUP	Number, 1981	SALES (mil. dol.)					PURCHASES (mil. dol.)				
		1970	1975	1979	1980	1981	1970	1975	1979	1980	1981
Total <sup>1</sup> .....	558,459	42,147	69,695	104,918	114,041	124,431	16,410	29,987	44,707	48,181	51,365
Commercial feeding <sup>2,3</sup> .....	390,463	34,777	58,317	89,002	96,565	105,754	10,675	20,433	31,123	33,311	35,871
Eating places <sup>2</sup> .....	244,345	21,614	39,251	62,319	67,702	74,675	7,509	15,123	23,240	24,803	26,989
Restaurants, lunchrooms.....	122,068	13,348	22,676	33,998	36,038	39,324	4,918	9,105	12,745	13,531	14,597
Limited menu restaurants <sup>4</sup> .....	103,202	6,190	13,597	24,936	27,435	30,809	1,873	4,891	9,043	9,842	10,775
Bars and taverns <sup>5</sup> .....	38,879	5,008	5,988	7,179	7,780	8,321	257	335	450	492	503
Food contractors <sup>2</sup> .....	7,836	2,442	4,169	6,242	6,818	7,344	963	1,783	2,683	2,807	3,086
Manufacturing and industrial plants.....	(NA)	915	1,351	2,017	2,121	2,300	375	630	940	989	1,060
Colleges and universities.....	(NA)	496	712	1,004	1,140	1,271	176	252	356	397	436
Lodging places <sup>2</sup> .....	29,917	2,585	4,093	6,153	6,599	7,133	876	1,419	2,163	2,274	2,380
Hotel restaurants.....	13,837	1,554	2,538	4,109	4,440	4,818	506	867	1,437	1,521	1,595
Motel restaurants.....	13,651	643	1,007	1,301	1,368	1,461	237	366	467	481	502
Retail hosts <sup>2</sup> .....	59,384	1,652	2,259	3,075	3,303	3,560	584	865	1,175	1,233	1,310
Grocery store restaurants.....	23,001	189	343	633	705	784	66	127	234	254	278
Dept. store restaurants.....	5,202	424	713	987	1,040	1,110	157	285	395	406	427
Drug store restaurants.....	8,619	341	341	345	358	377	118	129	131	136	141
Variety store restaurants.....	5,111	389	405	419	453	482	136	158	164	172	181
Gasoline service stations.....	8,232	109	202	359	383	416	38	75	133	138	148
Recreation and sports <sup>2</sup> .....	6,815	462	787	1,252	1,370	1,490	160	302	461	498	535
Bowling lanes.....	3,933	190	295	458	501	547	73	124	174	188	202
Recreation and sports centers.....	(NA)	211	393	632	702	756	67	146	234	255	271
Institutional feeding <sup>2</sup> .....	167,998	7,370	11,378	15,917	17,475	18,677	4,722	7,704	10,589	11,540	11,979
Employee feeding.....	8,607	688	1,072	1,535	1,635	1,762	357	554	777	828	886
Industrial and commercial organizations.....	3,820	561	892	1,302	1,377	1,490	280	445	637	673	722
Educational feeding.....	94,409	2,102	3,184	4,176	4,610	4,900	1,905	3,083	3,955	4,277	4,231
Elementary and secondary schools.....	91,840	1,183	1,687	2,136	2,312	2,364	1,369	2,228	2,907	3,117	3,018
Transportation.....	130	239	347	577	624	647	110	182	299	326	326
Airlines.....	63	178	260	441	475	493	80	132	220	237	246
Hospitals.....	6,867	2,991	4,346	6,055	6,668	7,183	1,334	1,983	2,740	3,017	3,240
Miscellaneous <sup>2</sup> .....	28,569	646	972	1,388	1,521	1,636	375	720	1,011	1,099	1,158
Clubs.....	10,310	525	696	942	1,056	1,164	218	335	453	498	549
Community centers.....	16,010	75	196	319	351	356	58	232	376	414	421

NA Not available. <sup>1</sup> Total purchases include food furnished to food service employees. <sup>2</sup> Includes other types of groups, not shown separately. <sup>3</sup> Data for establishments with payroll. <sup>4</sup> Fast-food restaurants.

<sup>5</sup> For establishments serving food.

Source: National Restaurant Association, Washington, D.C., NRA News, monthly. (Copyright)

**NO. 1432. LARGEST RETAILING COMPANIES—SALES, ASSETS, NET INCOME, AND EMPLOYEES, BY SALES GROUP: 1980 TO 1982**

[Sales, assets, and net income in billions of dollars; employees in thousands; except percent. Excludes large privately owned companies that do not publish sales. Includes all operating revenues for fiscal years ending not later than January following year stated]

RANK BY SALES GROUP	SALES <sup>1</sup>			ASSETS <sup>2</sup>			NET INCOME <sup>3</sup>			EMPLOYEES <sup>4</sup>		
	1980	1981	1982	1980	1981	1982	1980	1981	1982	1980	1981	1982
50 largest.....	200.8	220.9	246.2	96.3	106.9	128.4	3.9	4.4	4.4	3,240	3,132	3,279
Lowest ten (41–50).....	11.5	11.5	14.1	4.3	4.3	6.0	.3	.4	.3	143	159	162
Second ten (31–40).....	15.7	17.3	22.6	7.3	6.0	10.6	.5	.7	.5	324	255	368
Third ten (21–30).....	23.8	26.6	30.7	12.3	15.1	15.6	.7	.9	.1	569	639	648
Fourth ten (11–20).....	40.6	46.3	53.3	16.4	16.5	21.9	.5	.6	.3	591	540	596
Highest ten (1–10).....	109.3	119.2	125.5	56.0	64.9	74.2	1.9	2.0	2.5	1,614	1,540	1,505
<b>Percent of total:</b>												
Lowest ten (41–50).....	5.7	5.2	5.7	4.5	4.0	4.6	6.8	9.9	6.0	4.4	5.1	5.0
Second ten (31–40).....	7.8	7.8	9.2	7.6	5.6	8.3	13.8	11.4	7.7	10.0	8.1	11.2
Third ten (21–30).....	11.8	12.0	12.5	12.7	14.2	12.2	16.5	20.4	23.7	17.6	20.4	19.8
Fourth ten (11–20).....	20.2	20.9	21.7	17.0	15.5	17.1	12.3	14.2	7.0	18.2	17.2	18.2
Highest ten (1–10).....	54.4	53.9	51.0	58.2	60.7	57.8	48.7	44.0	55.5	49.8	49.2	45.9

<sup>1</sup> Includes sales of subsidiaries when they are consolidated.

<sup>2</sup> Total assets employed in business at end of fiscal year.

<sup>3</sup> After taxes, special charges, and credits.

<sup>4</sup> As of year end, or yearly average.

Source: Time, Inc., New York, N.Y., adapted from The Fortune Directory, July 13, 1981; July 12, 1982; and June 13, 1983. (Copyright.)

**NO. 1433. RETAIL TRADE—SALES BY BROAD MERCHANDISE LINES: 1972 AND 1977**

[For establishments with payroll. For details on restructuring of merchandise lines between 1972 and 1977, see source]

MERCHANDISE LINES	1972			1977			Sales of specified merchandise lines		
	Establishments (1,000)	Sales <sup>1</sup> (mil. dol.)	Percent of sales	Establishments (1,000)	Total <sup>1</sup> (mil. dol.)	Establishments handling line	As percent of total sales		
							Establishments (1,000)	All establish- ments	
Retail trade, total.....	2,126	440,222	100.0	2,304	699,635	(x)			100.0
Groceries and other food.....	255	86,391	19.6	271	137,506	51.8	19.7		
Meals and snacks.....	303	29,297	6.7	341	54,735	37.1	7.6		
Alcoholic drinks.....	131	7,308	1.7	138	9,998	31.9	1.4		
Packaged alcoholic beverages.....	113	11,286	2.6	136	16,164	15.9	2.3		
Cigars, cigarettes, and tobacco.....	225	6,110	1.4	231	8,475	4.6	1.2		
Drugs.....	273	15,655	3.5	110	12,438	11.3	1.8		
Health and beauty aids.....				166	11,325	5.4	1.6		
Men's, boys' clothing, excluding footwear.....	97	14,995	3.4	106	22,740	17.3	3.3		
Women's, girls' wear, excluding footwear.....	131	25,933	5.9	139	36,527	26.3	5.2		
Footwear, exc. infants, toddlers.....	94	7,673	1.7	98	10,650	8.9	1.5		
Curtains, draperies, and dry goods.....	83	8,164	1.9	82	10,011	8.6	1.4		
Major household appliances.....	77	7,339	1.7	72	9,179	9.5	1.3		
Kitchenware and home furnishings.....				137	9,881	6.0	1.4		
Small electrical appliances.....	117	6,039	1.4	82	2,849	2.3	.4		
Televisions.....				55	4,128	5.0	.6		
Audio equipment, musical instruments, supplies.....	100	8,176	1.9	89	9,191	7.8	1.3		
Furniture and sleep equipment.....	69	10,252	2.3	72	14,685	14.6	2.1		
Floor coverings.....	63	3,947	.9	66	5,770	6.0	.8		
Jewelry.....	95	4,979	1.1	111	8,151	6.4	1.2		
Optical goods.....				21	1,361	3.1	.2		
Sporting goods.....	75	7,244	1.6	80	9,451	8.7	1.4		
Recreational vehicles.....				13	3,234	8.9	.5		
Hardware and tools.....	89	4,576	1.0	94	8,555	7.2	1.2		
Lawn and garden equipment, supplies.....	80	3,959	.9	99	7,217	6.5	1.0		
Lumber and building materials.....	78	15,723	3.6	80	26,766	26.2	3.8		
Cars, trucks, powered vehicles.....	53	65,486	15.1	56	112,285	82.7	16.0		
Automotive fuels and lubricants.....	236	27,306	6.2	211	48,736	26.4	7.0		
Auto tires, batteries, accessories.....	235	16,465	3.7	195	21,195	8.9	3.0		
Household fuels <sup>2</sup> .....	27	4,138	.9	23	8,923	47.6	1.3		

X Not applicable. <sup>1</sup> Includes sales taxes and finance charges in 1972 but not in 1977; includes other merchandise lines, not shown separately. <sup>2</sup> Detail will not add to total because establishments may carry more than one merchandise line. <sup>3</sup> 1972 includes ice.

Source: U.S. Bureau of the Census, *Census of Retail Trade, 1972*, vol. I, and *1977, Merchandise Line Sales*, RC 77-L.

**No. 1434. RETAIL TRADE—ESTABLISHMENTS WITH PAYROLL, 1972, AND ESTABLISHMENTS, SALES, AND EMPLOYEES, 1977, BY KIND OF BUSINESS**

[See also *Historical Statistics, Colonial Times to 1970*, series T 79-196]

KIND OF BUSINESS	1972		1977					
	Establishments with payroll		All establishments		Establishments with payroll			
	Number (1,000)	Sales <sup>1</sup> (mil. dol.)	Number (1,000)	Sales <sup>1</sup> (mil. dol.)	Number (1,000)	Sales <sup>1</sup> (mil. dol.)	Pay- roll, entire year (mil. dol.)	Paid employ- ees <sup>2</sup> (1,000)
<b>Retail trade, total<sup>3</sup></b>	1,264.9	440,222	1,855.1	723,134	1,303.6	699,635	85,854	13,040
Building materials, hardware, garden supply, and mobile home dealers	62.0	22,958	90.4	38,860	65.8	37,793	4,367	470
Building materials, supply stores	31.9	15,027	40.6	27,127	34.0	26,804	2,993	294
Hardware stores	18.5	9,634	26.5	6,087	19.4	5,695	806	112
Retail nurseries, lawn and garden supply stores	3.8	695	15.5	1,789	6.9	1,584	265	36
Mobile home dealers	7.8	3,601	7.8	3,857	5.5	3,709	303	27
General merchandise group stores	44.4	64,869	48.9	93,948	38.4	93,455	12,719	2,017
Department stores <sup>4</sup>	7.7	51,084	8.8	76,909	8.8	76,909	10,743	1,644
Variety stores	18.4	7,220	17.4	7,095	14.2	6,948	1,002	214
Misc. general merchandise stores	18.3	6,365	22.7	9,944	15.4	9,598	973	159
Food stores <sup>5</sup>	173.1	95,375	252.0	157,940	171.6	152,745	14,730	1,959
Grocery stores	128.1	90,048	178.8	147,759	126.6	143,938	13,342	1,692
Meat and fish (seafood) markets <sup>6</sup>	10.7	2,506	16.9	3,780	11.1	3,416	382	56
Fruit stores, vegetable markets	3.1	518	7.9	1,088	3.1	882	80	14
Candy, nut, confectionery stores	6.8	494	9.0	643	4.7	485	77	18
Retail bakeries	15.1	1,547	19.9	2,300	15.9	2,141	624	130
Automotive dealers <sup>6</sup>	85.1	88,491	139.0	149,952	94.8	147,202	13,304	1,115
Motor vehicle dealers:								
New and used cars	31.6	73,254	30.8	121,883	30.8	121,883	10,279	780
Used cars only	12.8	3,563	37.0	6,945	13.3	5,186	374	42
Auto and home supply stores	29.1	7,271	47.0	12,861	36.8	12,390	1,928	205
Gasoline service stations	183.4	31,440	176.5	56,468	148.5	53,749	3,830	673
Apparel and accessory stores <sup>6</sup>	105.7	24,115	140.1	35,564	114.8	34,719	5,057	840
Men's and boys' clothing, furnishings, and specialty stores and furriers	21.0	5,497	22.7	6,943	20.6	6,899	1,098	145
Women's clothing and specialty stores and furriers	40.6	9,173	53.6	13,458	44.4	13,184	1,886	349
Furriers and furshops	1.0	179	1.9	322	.9	285	46	5
Family clothing stores	13.8	4,815	21.6	8,055	16.0	7,884	1,049	136
Shoe stores	23.4	3,972	27.9	5,650	24.5	5,517	822	121
Furniture, home furnishings, and equipment stores	82.5	21,505	138.6	33,176	91.7	31,568	4,569	513
Furniture, home furnishings stores	47.7	13,512	82.6	20,316	53.4	19,344	2,974	324
Household appliance stores	14.6	3,627	17.6	4,734	12.2	4,520	577	65
Radio, television, and music stores	20.2	4,365	38.4	8,126	26.1	7,705	1,018	123
Eating and drinking places	287.3	35,048	368.1	63,276	308.6	61,307	15,415	3,759
Eating places	205.9	29,313	274.3	55,581	237.7	54,406	14,018	3,425
Drinking places (alcoholic beverages)	78.4	5,793	93.7	7,695	70.9	6,901	1,396	334
Drug and proprietary stores	47.6	15,420	49.6	23,198	47.2	23,057	3,127	460
Drug stores	45.0	14,901	(NA)	(NA)	44.4	22,313	3,050	444
Proprietary stores	2.6	519	(NA)	(NA)	2.8	745	77	15
Miscellaneous retail stores <sup>6</sup>	193.9	40,202	452.0	70,753	224.2	64,038	8,737	1,235
Liquor stores	33.7	9,342	44.4	12,967	35.1	12,191	913	145
Used merchandise stores	11.9	1,180	49.8	2,850	14.5	2,141	395	61
Misc. shopping goods stores	71.2	10,992	164.6	20,882	88.1	19,004	2,726	440
Sporting goods, bicycle shops	12.4	2,284	31.5	4,655	17.1	4,172	533	77
Book stores	5.0	864	12.7	1,840	7.6	1,722	233	43
Stationery stores	5.1	713	6.4	1,119	4.8	1,057	175	27
Jewelry stores	16.0	2,904	34.1	5,429	19.7	5,010	835	105
Hobby, toy, game shops	4.3	811	18.5	1,768	6.6	1,554	180	34
Camera, photographic supply	3.3	736	5.7	1,171	3.6	1,111	134	17
Gift, novelty, souvenir	12.6	1,037	34.0	2,572	17.1	2,232	331	68
Luggage, leather goods	1.2	187	2.6	370	1.6	347	55	8
Sewing, needlework, piece goods	11.4	1,466	19.1	1,958	10.1	1,798	251	60
Nonstore retail <sup>3</sup>	19.7	9,705	32.8	14,440	20.8	14,076	2,374	288
Mail order houses	5.4	4,528	11.0	7,555	6.7	7,437	1,110	126
Automatic merchandising <sup>7</sup>	5.4	2,829	13.5	3,945	5.7	3,700	655	73
Direct selling establishments <sup>8</sup>	8.8	2,349	8.4	2,940	8.4	2,940	609	88
Fuel and ice dealers	15.3	4,601	20.2	10,171	14.7	9,762	1,027	101
Florists	16.5	1,450	29.4	2,400	20.1	2,177	465	88
Cigar stores and stands	2.6	358	3.6	460	2.3	392	42	8
News dealers and newsstands	2.7	347	7.8	553	2.1	380	42	10

NA Not available. <sup>1</sup> Excludes sales tax and carrying or other charges for credit in 1977; includes them in 1972.

<sup>2</sup> Pay period including Mar. 12. <sup>3</sup> Excludes nonemployer direct sellers. <sup>4</sup> Includes sales from catalog order desks.

<sup>5</sup> Includes kinds of business not shown separately. <sup>6</sup> Including freezer provisioners. <sup>7</sup> Vending machines; excludes music and game machines.

Source: U.S. Bureau of the Census, *Census of Retail Trade, 1972*, vol. I, and 1977, U.S. Summary, Geographic Area Series, RC 77-A-52.

## No. 1435. RETAIL SALES—BY TYPE OF

[In millions of dollars. Data for 1977 based on the 1977 Census of Retail Trade;

DIVISION AND STATE	TOTAL <sup>1</sup>		FOOD STORES				GENERAL MERCHANDISE STORES				AUTOMOTIVE DEALERS	
	1977	1982	Total		Supermarkets		Total		Department stores			
			1977	1982	1977	1982	1977	1982	1977	1982	1977	1982
U.S.	723,134	1,100,750	157,941	268,352	147,758	252,094	93,948	139,654	76,912	115,969	149,952	172,669
N.E.	40,375	63,609	9,354	15,953	8,592	14,688	4,845	7,278	3,947	6,017	6,838	7,263
Maine	3,616	5,668	872	1,400	836	1,349	393	611	275	436	724	773
N.H.	3,387	5,290	826	1,436	782	1,352	513	518	257	398	649	707
Vt.	1,668	2,524	389	620	375	601	144	206	97	142	308	324
Mass.	18,474	30,514	4,210	7,707	3,808	6,891	2,361	3,727	1,912	3,068	2,887	3,192
R.I.	2,802	4,079	639	999	586	887	337	484	294	493	472	466
Conn.	10,428	15,534	2,418	3,789	2,226	3,497	1,257	1,731	1,102	1,540	1,798	1,800
M.A.	112,229	162,886	26,753	42,894	23,705	38,175	14,752	18,732	12,612	16,312	19,123	22,655
N.Y.	50,698	75,335	12,611	20,616	10,948	18,023	6,645	8,796	5,694	7,585	7,512	8,983
N.J.	24,287	35,925	5,838	9,651	5,233	8,676	3,009	3,659	2,658	3,300	4,225	5,194
Pa.	37,244	51,625	8,304	12,626	7,524	11,475	5,097	6,276	4,319	5,428	7,386	8,478
E.N.C.	139,884	191,045	28,766	45,139	26,954	42,445	19,283	27,209	16,552	23,747	30,436	28,168
Ohio	35,563	47,761	7,839	12,135	7,356	11,432	5,452	6,957	4,782	6,215	7,713	6,960
Ind.	18,263	25,316	3,665	5,957	3,492	5,694	2,393	3,281	2,009	2,787	4,168	3,912
Ill.	39,215	53,309	7,571	12,220	7,111	11,522	5,129	7,280	4,333	6,290	8,088	7,692
Mich.	31,912	44,463	6,608	9,948	6,111	9,219	3,481	7,013	3,886	6,293	7,433	6,938
Wls.	14,930	20,196	3,084	4,879	2,885	4,578	1,928	2,688	1,542	2,163	3,033	2,666
W.N.C.	56,595	84,931	10,989	18,867	10,485	18,030	7,333	11,034	5,749	8,808	12,436	14,174
Minn.	13,667	20,660	2,456	4,332	2,289	4,067	1,854	2,666	1,530	2,247	2,691	3,108
Iowa	9,833	14,088	1,969	3,289	1,889	3,168	1,164	1,821	926	1,473	2,231	2,388
Mo.	15,920	24,114	3,295	5,676	3,145	5,441	2,227	3,372	1,788	2,724	3,545	4,113
N. Dak.	2,250	3,350	370	628	351	599	217	341	154	247	559	636
S. Dak.	2,184	3,414	408	735	390	708	183	304	127	212	478	561
Nebr.	5,145	7,827	972	1,714	924	1,636	686	980	507	722	1,094	1,310
Kans.	7,696	11,477	1,522	2,491	1,469	2,411	993	1,550	733	1,183	1,839	2,077
So. A.	113,333	181,490	25,438	41,806	24,224	39,916	14,782	22,799	11,648	18,345	23,855	32,857
Del.	2,139	2,983	474	718	434	660	328	482	284	426	362	432
Md.	14,377	22,253	3,198	5,388	2,982	5,008	2,037	2,894	1,767	2,564	2,825	3,720
D.C.	2,085	2,754	355	512	328	474	204	201	171	172	202	211
Va.	16,535	26,989	3,712	6,259	3,547	5,990	2,215	3,399	1,727	2,714	3,540	4,925
W. Va.	5,676	9,345	1,374	2,489	1,337	2,430	771	1,279	599	1,012	1,265	1,794
N.C.	16,842	24,880	3,881	5,802	3,738	5,676	1,992	2,825	1,349	1,944	3,769	4,793
S.C.	8,350	12,811	2,022	3,022	1,980	2,965	989	1,523	661	1,026	1,766	2,309
Ga.	15,916	24,803	3,455	5,676	3,343	5,510	2,132	3,198	1,641	2,514	3,481	4,719
Fla.	31,413	54,672	7,016	11,943	6,555	11,201	4,114	6,998	3,449	5,974	6,645	9,954
E.S.C.	41,091	61,210	9,489	16,407	9,254	16,035	5,003	8,591	3,606	6,272	9,748	9,173
Ky.	10,492	16,639	2,491	4,673	2,406	4,573	1,195	2,047	878	1,528	2,292	2,331
Tenn.	13,710	19,592	3,007	5,014	2,934	4,907	1,764	2,947	1,360	2,305	3,323	3,024
Ala.	10,705	15,730	2,440	3,889	2,392	3,821	1,308	2,305	910	1,622	2,611	2,492
Miss.	6,184	9,248	1,552	2,830	1,523	2,781	737	1,291	459	817	1,522	1,387
W.S.C.	73,845	126,569	16,366	30,939	15,736	29,866	9,398	15,490	7,148	12,028	17,788	25,478
Ark.	6,383	10,022	1,453	2,537	1,417	2,480	751	1,304	563	994	1,599	2,010
La.	12,417	18,372	3,079	5,137	2,961	4,959	1,669	2,236	1,187	1,675	2,707	3,298
Oklta.	9,228	15,444	2,096	4,004	2,037	3,907	1,093	1,758	722	1,187	2,284	3,349
Tex.	45,616	82,732	9,737	19,261	9,322	18,520	5,884	10,101	4,676	8,172	11,259	16,821
Mt.	36,750	59,231	7,725	14,491	7,426	13,987	4,280	6,825	3,364	5,459	7,958	10,348
Mont.	2,848	4,410	599	994	579	963	245	436	162	300	604	757
Idaho	3,016	4,598	659	1,181	637	1,146	280	461	185	315	700	842
Wyo.	1,654	3,141	314	686	307	674	135	222	64	101	344	524
Colo.	9,825	16,024	2,008	3,999	1,921	3,844	1,204	1,841	1,044	1,632	2,081	2,784
N. Mex.	4,022	6,466	839	1,586	805	1,527	451	724	298	482	934	1,220
Ariz.	8,170	12,623	1,893	3,468	1,831	3,368	1,053	1,488	838	1,204	2,107	2,103
Utah	4,146	6,338	821	1,446	774	1,371	551	1,022	454	858	1,952	1,136
Nev.	3,068	5,630	593	1,129	571	1,094	362	631	319	568	636	993
Pac.	109,024	169,779	23,062	41,856	21,399	38,952	14,272	21,697	12,286	18,980	21,772	22,554
Wash.	13,503	21,720	2,895	5,311	2,755	5,067	1,604	2,416	1,386	2,132	2,757	2,920
Oreg.	9,348	14,488	1,822	3,033	1,730	2,894	1,256	2,324	983	1,846	2,083	2,141
Calif.	81,058	125,579	17,267	31,629	15,913	29,233	10,554	15,664	9,403	14,220	16,232	16,792
Alaska	1,831	2,957	427	828	410	796	227	368	138	224	241	235
Hawaii	3,294	5,035	651	1,055	592	961	632	924	376	558	457	465

<sup>1</sup> Includes other types of stores, not shown separately. <sup>2</sup> Includes hardware dealers. <sup>3</sup> Includes home furnishings stores.

## STORE AND STATE: 1977 AND 1982

See Appendix III. Data for 1982 are estimates, see source for details]

EATING AND DRINKING PLACES		GASOLINE SERVICE STATIONS		APPAREL AND ACCESSORIES STORES		BUILDING MATERIALS DEALERS <sup>2</sup>		FURNITURE AND APPLIANCE STORES <sup>3</sup>				DIVISION AND STATE
								Total		Furniture <sup>3</sup>		
1977	1982	1977	1982	1977	1982	1977	1982	1977	1982	1977	1982	
63,276	107,484	56,468	107,540	35,584	50,593	38,859	52,711	33,177	46,105	20,320	27,725	U.S.
3,617	6,624	2,941	6,183	2,086	3,571	2,005	2,486	1,583	2,628	957	1,557	N.E.
261	505	244	434	132	250	248	324	116	190	63	102	Maine.
253	487	237	462	135	216	240	322	122	238	71	135	N.H.
128	229	14C	270	66	126	127	148	56	92	33	53	Vt.
1,828	3,421	1,290	2,616	1,061	1,902	778	972	729	1,253	463	781	Mass.
255	420	216	470	144	219	138	167	106	144	81	81	R.I.
892	1,662	814	1,731	558	858	480	552	455	711	266	405	Conn.
10,093	16,020	7,644	14,128	6,615	8,387	4,390	5,021	5,004	7,460	3,063	4,488	M.A.
4,953	7,893	2,984	5,471	3,342	4,250	1,752	1,969	2,266	3,582	1,412	2,171	N.Y.
2,148	3,440	1,804	3,614	1,440	1,824	918	998	1,122	1,695	724	1,073	N.J.
2,992	4,886	2,857	5,042	1,832	2,313	1,720	2,054	1,816	2,203	927	1,244	Pa.
12,500	19,470	11,701	20,220	6,500	8,195	7,284	8,631	6,324	7,490	3,673	4,267	E.N.C.
3,105	4,483	3,117	5,898	1,363	1,748	1,694	1,968	1,547	1,789	928	1,048	Ohio.
1,520	2,508	1,702	2,770	737	886	994	1,287	787	884	460	505	Ind.
3,666	5,668	3,041	4,826	2,197	2,794	1,929	2,443	1,818	2,191	1,100	1,303	Ill.
2,696	4,404	2,591	4,763	1,642	2,124	1,683	1,813	1,491	1,807	816	976	Mich.
1,524	2,408	1,250	1,964	560	643	985	1,099	682	820	371	434	Wis.
4,733	8,612	5,278	8,740	2,536	3,441	4,150	5,001	2,504	3,228	1,465	1,850	W.N.C.
1,155	2,100	1,194	2,056	598	810	1,126	1,353	578	765	323	418	Minn.
806	1,392	954	1,415	408	506	800	967	450	569	260	320	Iowa.
1,321	2,423	1,497	2,590	691	924	903	1,066	658	828	380	470	Mo.
190	336	201	327	130	201	244	315	97	120	54	66	N.Dak.
190	349	241	432	106	147	203	242	94	128	53	70	S.Dak.
474	845	530	908	235	324	357	430	261	331	177	218	Nebr.
596	1,168	661	1,011	368	529	517	626	365	487	218	288	Kans.
9,330	16,680	9,303	17,839	5,288	7,545	5,930	9,557	5,270	7,729	3,442	4,934	S.A.
164	244	162	306	101	115	119	165	104	124	52	72	Del.
1,257	1,991	1,210	2,528	687	910	531	872	628	840	387	501	Md.
379	561	338	214	168	182	38	45	115	123	67	70	D.C.
1,239	2,244	1,481	2,776	729	1,033	814	1,433	740	1,119	495	733	Va.
352	600	493	967	208	319	387	632	260	355	168	224	W.Va.
1,177	2,039	1,360	2,296	805	1,042	1,091	1,646	825	1,213	582	811	N.C.
587	1,120	722	1,262	415	620	536	781	368	514	258	352	S.C.
1,251	2,284	1,351	2,261	739	1,000	859	1,379	875	851	469	581	Ga.
2,925	5,597	2,388	5,230	1,406	2,321	1,554	2,605	1,555	2,990	975	1,591	Fla.
2,823	4,871	3,436	6,266	1,936	2,774	2,503	3,587	1,773	2,513	1,174	1,630	E.S.C.
771	1,353	1,021	1,994	438	649	656	1,004	456	694	293	436	Ky.
590	1,637	1,151	2,059	611	825	815	1,088	599	817	398	632	Tenn.
691	1,227	810	1,466	571	859	689	1,001	468	661	327	450	Ala.
371	653	454	748	316	442	343	492	249	341	156	212	Miss.
5,774	10,598	5,453	11,681	3,995	7,026	3,933	6,261	3,288	5,252	2,082	3,232	W.S.C.
385	668	496	908	326	530	432	579	267	326	182	217	Ark.
997	1,469	858	1,602	675	931	663	1,006	553	771	353	477	La.
715	1,173	655	1,188	549	943	542	787	423	685	276	437	Okla.
3,678	7,287	3,444	7,984	2,445	4,622	2,295	3,888	2,044	3,470	1,271	2,101	Tex.
3,371	5,078	3,097	6,043	1,557	2,630	2,580	3,540	1,777	2,923	1,087	1,750	Mt.
275	366	272	499	137	226	260	371	122	205	70	116	Mont.
260	351	223	348	121	220	286	434	150	244	92	148	Idaho.
146	248	214	525	79	150	148	247	68	131	37	69	Wyo.
966	1,508	708	1,325	438	745	675	879	480	755	281	434	Colo.
345	569	366	596	187	332	250	375	182	301	115	186	N.Mex.
775	1,113	652	1,331	288	454	473	551	419	692	280	421	Ariz.
314	417	367	697	169	270	289	353	231	353	154	233	Utah.
290	506	295	722	139	293	199	329	127	241	77	142	Nev.
11,025	19,531	7,613	16,439	5,041	7,024	6,080	8,627	5,653	6,884	3,376	4,016	Pac.
1,356	2,713	947	2,012	610	977	898	1,447	669	857	385	482	Wash.
879	1,670	655	1,352	391	566	629	833	481	621	272	344	Oreg.
8,052	13,901	5,733	12,534	3,767	5,036	4,328	6,047	4,341	5,240	2,635	3,104	Calif.
254	464	103	206	69	108	150	196	59	65	34	36	Alaska.
464	784	176	333	204	336	74	105	102	101	51	49	Hawaii.

Source: Market Statistics, New York, N.Y., *The Survey of Buying Power Data Service*, annual (copyright).

## NO. 1436. FRANCHISING—SUMMARY: 1970 TO 1983

[Franchising is a form of marketing or distribution in which a parent company customarily grants an individual or a company the right, or privilege, to do business in a prescribed manner over a certain period of time in a specified place. The parent company is termed the franchisor; the receiver of the privilege the franchisee; and the right, or privilege, the franchise.]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981	1982 <sup>1</sup>	1983 <sup>1</sup>
Number of franchised establishments.....	1,000.....	396	435	443	451	452	452	442	442	449	465
Company-owned <sup>2</sup> .....	1,000.....	72	81	83	86	85	85	85	86	87	89
Franchisee-owned.....	1,000.....	324	354	360	365	367	367	357	356	362	376
Sales of products and services.....	Bil. dol.....	120	191	222	253	287	312	336	365	386	436
Company-owned <sup>2</sup> .....	Bil. dol.....	23	29	33	38	44	39	47	51	55	61
Franchisee-owned.....	Bil. dol.....	96	162	189	215	243	273	289	314	331	375
Average sales per establishment.....	\$1,000.....	302	439	500	562	635	690	760	824	860	937
Employment.....	1,000.....	(NA)	3,511	3,792	4,151	4,496	4,605	4,668	4,878	(NA)	(NA)

<sup>NA</sup> Not available. <sup>1</sup> Estimated by respondents to annual survey of franchisors. <sup>2</sup> Represents establishments owned by the parent company.

Source: U.S. Dept. of Commerce, Bureau of Industrial Economics, *Franchising in the Economy, 1981-83*.

## NO. 1437. FRANCHISING—NUMBER OF ESTABLISHMENTS AND SALES, BY KIND OF FRANCHISED BUSINESS: 1970 TO 1983

[See headnote, table 1436, for definition of franchising]

KIND OF FRANCHISED BUSINESS	NUMBER OF ESTABLISHMENTS (1,000)						SALES (mil. dol.)						
	1970	1975	1980	1981	1982 <sup>1</sup>	1983 <sup>1</sup>	1970	1975	1980	1981	1982 <sup>1</sup>	1983 <sup>1</sup>	
All franchising, total .....	396.3	434.5	442.4	442.4	448.5	465.1	119,758	190,931	336,220	364,719	385,937	435,753	
Auto and truck dealers <sup>2</sup> .....	37.2	31.8	29.4	28.9	27.9	27.4	58,812	94,497	143,861	159,376	164,157	192,475	
Percent.....	9.4	7.3	6.6	6.5	6.2	5.9	49.1	49.5	42.8	43.7	42.5	44.2	
Restaurants (all types).....	32.6	43.0	60.0	61.8	65.2	70.3	4,602	12,262	27,867	30,042	33,592	38,383	
Percent.....	8.2	9.9	13.6	14.0	14.5	15.1	3.8	6.4	8.3	8.2	6.7	8.8	
Gasoline service stations <sup>2</sup> .....	222.0	189.5	168.5	151.3	144.7	139.3	28,340	47,387	94,470	101,665	106,544	114,534	
Percent.....	56.0	43.6	35.8	34.2	32.3	29.9	24.5	24.8	28.1	27.9	27.6	26.3	
Retailing (nonfood).....	30.7	37.2	35.2	35.0	37.0	40.0	13,133	9,031	10,517	10,257	11,807	12,912	
Percent.....	7.7	8.6	8.0	7.9	8.2	8.6	11.0	4.7	3.1	2.8	3.1	3.0	
Auto, truck rental services.....	8	10.7	6.5	7.3	7.5	7.9	8.3	1,177	1,475	3,146	3,375	3,661	3,989
Automotive products and services <sup>4</sup> .....	20.4	47.6	40.2	39.6	39.7	41.5	1,936	5,006	7,084	8,039	8,492	9,270	
Business aids and services.....	10.5	22.2	40.7	45.8	49.7	55.6	723	1,397	6,749	7,340	8,127	9,499	
Employment services.....	2.9	2.7	4.4	4.7	4.8	5.3	516	553	1,594	1,782	1,914	2,213	
Tax preparation services.....	4.7	7.5	9.2	9.5	9.9	10.0	85	161	289	332	361	362	
Accounting, credit, collection, and general.....	1.1	3.5	2.4	2.2	2.5	2.8	20	165	121	125	137	153	
Other.....	1.7	8.3	24.7	29.4	32.5	37.5	101	518	4,745	5,100	5,715	6,752	
Construction, home improvement, maintenance, and cleaning.....	.7	10.8	14.3	14.7	15.6	17.4	63	639	1,475	1,740	2,120	2,609	
Convenience stores.....	8.8	13.5	15.6	15.5	16.3	17.3	1,727	3,906	7,821	8,406	9,252	10,168	
Educational products and services.....	4.9	1.3	3.2	3.9	4.4	5.0	86	173	339	434	499	577	
Equipment rental services.....	( <sup>3</sup> )	1.4	2.2	1.6	1.7	1.8	( <sup>3</sup> )	157	356	347	402	460	
Food retailing <sup>5</sup> .....	(NA)	11.8	15.5	16.2	17.1	18.4	(NA)	1,445	7,430	7,866	8,709	9,521	
Hotels and motels <sup>6</sup> .....	3.4	6.4	6.4	6.4	6.6	6.9	3,540	4,601	9,506	9,903	10,838	12,003	
Laundry, dry cleaning services.....	4.1	3.2	3.4	3.1	3.2	3.3	144	214	286	246	268	278	
Recreation, entertainment, travel.....	2.7	3.4	4.6	5.6	6.7	7.4	77	162	516	574	864	1,071	
Soft drink bottlers <sup>7</sup> .....	2.7	2.4	1.9	1.8	1.7	1.6	4,102	8,165	14,352	14,620	16,125	17,417	
Miscellaneous.....	4.8	2.7	3.6	3.6	3.4	3.8	295	414	447	488	498	587	

<sup>NA</sup> Not available. <sup>1</sup> Estimated by respondents. <sup>2</sup> Estimated by source on basis of Bureau of the Census and trade association data. <sup>3</sup> Equipment rental services included with auto, truck rental services. <sup>4</sup> Includes some establishments with significant sales of nonautomotive products such as household appliances, garden supplies, etc. <sup>5</sup> Excludes convenience stores. <sup>6</sup> Beginning 1976, includes campgrounds. <sup>7</sup> Includes soft drinks, fruit drinks and ades, syrups, flavoring agents and bases. Excludes independent private label and contract-filler bottling companies, which accounted for 22 percent in recent years, of the value of shipments of the total industry.

Source: U.S. Dept. of Commerce, Bureau of Industrial Economics, *Franchising in the Economy, 1981-83*.

## No. 1438. WHOLESALE TRADE—SUMMARY: 1948 TO 1977

[Prior to 1958, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47, and T 274-279.]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total.....	1,000.....	(NA)	(NA)	(NA)	232	233	276	289
Establishments, total.....	1,000.....	216	250	287	308	311	370	383
With sales of \$1,000,000 or more.....	1,000.....	21	(NA)	(NA)	62	75	103	152
Sales, all establishments.....	Bil. dol.	180.8	234.0	285.7	358.4	459.5	695.2	1,258.4
Merchant wholesalers.....	Bil. dol.	76.5	100.1	122.1	157.4	206.1	353.9	676.1
Inventories, end of year.....	Bil. dol.	10.0	13.0	15.0	20.1	28.1	45.7	82.3
Payroll, entire year.....	Bil. dol.	7.7	10.9	13.2	18.1	23.9	36.9	58.3
Paid employees, Mar. 15 workweek <sup>1</sup> .....	1,000.....	2,305	2,555	2,808	3,089	3,519	4,026	4,397
Active proprietors of unincorporated businesses.....	1,000.....	131	150	158	133	122	(NA)	(NA)

NA Not available. <sup>1</sup> 1948-1963 data for workweek including Nov. 15.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. IV; *1954*, vol. III; *1958*, vol. III; *1963*, vol. IV; *1967*, vol. III; and *Census of Wholesale Trade: 1972*, vol. I and *1977*, WC 77-A-52.

## No. 1439. WHOLESALE TRADE—MERCHANT WHOLESALERS SALES, STOCKS, AND STOCK-SALES RATIO: 1960 TO 1982

[In billions of dollars, except ratios. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series T 375-383, for sales]

ITEM	1960 <sup>1</sup>	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
All establishments:													
Sales <sup>2</sup> .....	139.9	187.3	287.3	456.2	573.0	559.5	608.3	671.8	783.4	944.2	1,111.9	1,208.1	1,144.4
Stocks, end of year <sup>3</sup> .....	14.1	18.3	32.8	45.4	56.9	56.7	64.1	72.3	85.7	98.4	112.3	117.0	118.8
Stock-sales ratio <sup>4</sup> .....	1.22	1.15	1.26	1.11	1.07	1.21	1.19	1.21	1.20	1.18	1.14	1.13	1.24
Drawable goods:													
Sales <sup>2</sup> .....	58.6	82.9	127.2	202.0	246.8	229.5	257.4	297.3	362.4	424.0	472.1	509.7	457.7
Stocks, end of year <sup>3</sup> .....	8.1	10.6	19.7	27.4	35.3	36.7	41.4	47.0	55.8	63.2	71.7	76.7	78.5
Stock-sales ratio <sup>4</sup> .....	1.69	1.49	1.77	1.53	1.50	1.89	1.83	1.77	1.70	1.69	1.71	1.74	2.06
Nondurable goods:													
Sales <sup>2</sup> .....	81.3	104.5	160.1	254.1	326.2	329.9	350.9	374.6	431.0	520.2	639.8	698.3	666.6
Stocks, end of year <sup>3</sup> .....	6.0	7.7	13.1	16.0	21.7	20.0	22.7	25.3	29.9	35.2	40.7	40.3	40.3
Stock-sales ratio <sup>4</sup> .....	.88	.87	.86	.77	.74	.73	.73	.77	.77	.76	.72	.69	.70

<sup>1</sup> Excludes Alaska and Hawaii. <sup>2</sup> Annual totals. <sup>3</sup> Seasonally adjusted. <sup>4</sup> Source: U.S. Bureau of Economic Analysis, *In Survey of Current Business*, monthly. Ratio of average stocks to average monthly sales. Average stocks based on weighted averages of end-of-month figures.

Source: Except as noted, U.S. Bureau of the Census; *Current Business Reports*, series BW, *Monthly Wholesale Trade*.

## No. 1440. WHOLESALE TRADE, BY TYPE OF OPERATION AND KIND OF BUSINESS: 1972 AND 1977

[See also *Historical Statistics, Colonial Times to 1970*, series T 274-287 and T 352-369]

TYPE OF OPERATION AND KIND OF BUSINESS	ESTABLISHMENTS (1,000)		SALES <sup>1</sup> (mil. dol.)		PAYROLL <sup>2</sup> (mil. dol.)		PAID EMPLOYEES <sup>3</sup> (1,000)	
	1972	1977	1972	1977	1972	1977	1972	1977
Wholesale trade.....	369.8	382.8	695,224	1,258,400	36,893	58,290	4,026	4,397
Merchant wholesalers.....	290.0	307.3	535,919	676,058	25,816	42,067	3,023	3,368
Manufacturers' sales branches, offices.....	47.2	40.5	255,679	451,855	9,029	13,241	795	806
Merchandise agents, brokers.....	32.6	35.1	85,626	130,486	1,948	2,981	208	222
Kind of business:								
Motor vehicles, automotive equipment.....	36.5	38.9	83,016	147,112	3,415	5,148	392	423
Furniture, home furnishings.....	9.5	11.1	12,359	22,032	926	1,445	97	110
Lumber, construction materials.....	15.9	15.7	28,095	46,179	1,725	2,502	181	180
Sporting, recreational, photographic goods <sup>4</sup> .....	6.7	6.6	11,146	16,521	852	1,024	85	77
Metals and minerals, except petroleum.....	8.0	9.4	43,488	60,298	1,358	2,178	127	133
Electrical goods.....	21.2	24.9	49,349	65,999	2,603	3,922	257	277
Hardware, plumbing, heating equipment.....	17.4	18.6	16,600	30,605	1,714	2,576	181	194
Machinery, equipment, supplies.....	73.8	84.0	80,692	165,057	8,000	14,350	800	986
Paper, paper products.....	10.7	11.7	17,280	32,509	1,291	2,103	130	149
Drugs, drug proprietaries <sup>5</sup> .....	4.0	3.6	12,666	19,445	803	1,148	88	89
Apparel, piece goods, notions.....	12.4	13.0	27,933	39,895	1,389	1,830	134	131
Groceries and related products.....	38.5	39.0	105,457	182,905	4,834	7,469	580	602
Farm-product raw materials.....	14.8	14.8	52,401	110,332	709	1,273	118	135
Chemicals, allied products.....	6.4	6.5	24,621	51,661	885	1,603	78	100
Petroleum, petroleum products.....	31.3	22.6	46,284	116,780	1,547	2,249	194	179
Beer, wines, distilled alcoholic beverages.....	7.0	6.7	19,885	26,979	1,185	1,841	111	122
Miscellaneous.....	55.7	54.9	60,952	100,090	3,658	5,628	474	511

<sup>1</sup> Includes sales taxes and finance charges in 1972 but not in 1977. <sup>2</sup> Entire year. <sup>3</sup> Week including Mar. 12.

<sup>4</sup> Includes toys, hobby goods, and supplies. <sup>5</sup> Includes druggists sundries.

Source: U.S. Bureau of the Census, *Census of Wholesale Trade, 1972*, vol. I, and *1977, Geographic Area Series, WC 77-A-52*.

## Domestic Trade and Services

NO. 1441. WHOLESALE TRADE—SUMMARY, BY STATES: 1972 AND 1977

DIVISION AND STATE	1972			1977					Merchant wholesalers	
	Estab- lishments	Sales <sup>1</sup> (bil. dol.)	Payroll, entire year (mil. dol.)	Estab- lishments	Sales <sup>1</sup> (bil. dol.)	Payroll, entire year (mil. dol.)	Per- cent of operat- ing ex- penses			
							Total (mil. dol.)	Estab- lishments	Sales <sup>1</sup> (bil. dol.)	
U.S.	369,791	695.2	36,893	382,837	1,258.4	58,290	49.1	4,397	307,264	676.1
N.E.	18,577	33.9	2,053	18,830	58.4	2,969	49.1	225	15,252	32.0
Maine	1,625	1.9	125	1,580	2.8	178	50.4	17	1,380	2.0
N.H.	1,092	1.1	86	1,223	2.0	148	49.2	12	1,016	1.6
Vt.	714	.7	50	746	1.0	75	49.5	7	664	.8
Mass.	9,226	19.3	1,119	9,107	30.2	1,550	49.2	113	7,177	14.8
R.I.	1,479	2.1	142	1,480	3.1	206	50.3	17	1,280	2.1
Conn.	4,441	8.8	530	4,694	19.2	812	48.6	59	3,735	10.7
M.A.	69,469	164.6	8,226	68,682	274.4	11,585	47.1	804	55,613	154.1
N.Y.	39,984	100.4	4,685	38,149	165.4	6,115	46.1	411	31,324	103.2
N.J.	11,754	31.8	1,661	12,997	55.3	2,652	45.9	182	10,348	25.7
Pa.	17,731	32.4	1,878	17,536	53.7	2,818	50.7	211	13,941	25.1
E.N.C.	68,175	137.3	7,408	67,201	249.0	11,580	50.7	818	52,770	119.8
Ohio	16,721	33.7	1,858	16,643	61.7	2,928	51.2	212	12,531	27.2
Ind.	8,903	13.4	799	8,675	25.4	1,224	50.6	97	7,352	14.5
Ill.	21,491	52.8	2,684	21,237	97.1	4,207	49.9	280	16,499	47.9
Mich.	12,827	26.5	1,398	12,572	45.2	2,109	51.2	141	9,813	19.3
Wis.	8,233	10.8	670	7,874	19.6	1,112	51.2	86	6,574	10.8
W.N.C.	41,111	64.5	3,101	39,814	119.7	5,133	49.3	407	32,739	69.9
Minn.	8,716	15.1	786	8,625	29.1	1,284	50.5	94	6,823	16.0
Iowa	8,204	10.0	491	7,646	20.1	825	46.0	68	6,509	14.0
Mo.	10,126	20.7	998	10,007	35.1	1,520	50.6	116	7,889	18.2
N. Dak.	2,382	2.2	105	2,126	3.9	196	50.9	17	1,869	2.7
S. Dak.	2,088	2.0	89	1,897	3.4	162	49.8	15	1,668	2.0
Nebr.	4,262	6.4	282	4,164	10.6	494	48.9	42	3,573	6.4
Kans.	5,313	8.2	351	5,349	17.5	653	48.2	54	4,408	10.5
S.A.	49,836	87.5	4,803	54,186	153.2	7,519	50.7	622	43,471	71.5
Del.	733	2.5	132	770	5.2	192	51.0	12	649	1.2
Md.	4,746	10.2	580	5,019	16.9	902	52.7	67	3,952	8.1
D.C.	741	1.7	135	594	2.2	169	54.4	11	480	1.2
Va.	5,772	10.3	589	6,254	19.1	955	52.4	78	5,017	9.1
W. Va.	2,248	2.4	182	2,372	4.5	300	50.2	25	1,974	2.8
N.C.	8,892	15.9	803	9,571	27.5	1,254	51.1	108	7,629	12.0
S.C.	3,886	4.7	283	4,112	8.3	462	50.6	42	3,501	5.0
Ge.	9,358	19.8	946	10,065	35.2	1,462	50.4	118	7,551	13.1
Fla.	13,450	20.0	1,154	15,409	34.4	1,822	48.8	159	12,718	19.1
E.S.C.	20,630	33.3	1,698	21,844	63.9	2,860	50.5	248	17,772	36.6
Ky.	4,709	7.0	372	5,132	13.5	647	49.9	56	4,169	7.4
Tenn.	7,002	14.8	682	7,406	29.3	1,127	50.9	93	5,851	15.9
Ala.	5,424	7.5	423	5,713	14.2	705	50.7	64	4,709	8.1
Miss.	3,485	3.9	221	3,592	7.0	360	50.0	36	3,043	5.3
W.S.C.	39,527	62.2	3,218	42,323	127.4	5,810	49.4	478	33,983	71.8
Ark.	3,680	3.4	204	3,665	6.8	362	50.6	34	3,183	5.1
La.	6,418	9.8	544	6,800	19.6	956	50.1	81	5,558	12.5
Okl.	5,205	6.8	350	5,488	13.4	639	50.3	53	4,496	7.7
Tex.	24,334	42.2	2,120	26,370	87.7	3,853	49.0	310	20,746	46.5
Mt.	17,059	21.8	1,283	19,040	41.6	2,357	50.2	194	15,285	24.6
Mont.	1,795	1.6	92	1,815	3.0	162	49.7	14	1,512	2.0
Idaho	1,839	1.7	110	2,037	3.2	211	49.4	20	1,701	2.4
Wyo.	803	.7	33	879	1.9	76	48.2	6	699	1.6
Colo.	4,754	8.0	436	5,457	15.6	791	50.8	61	4,197	7.9
N. Mex.	1,768	1.5	102	1,989	2.7	192	49.5	17	1,847	1.9
Ariz.	3,097	4.4	271	3,587	8.1	471	50.0	39	2,877	4.4
Utah.	2,086	2.9	174	2,301	5.4	328	51.4	27	1,807	3.0
Nev.	816	.9	67	895	1.7	127	49.3	9	845	1.3
Pac.	45,397	90.0	5,105	50,917	170.7	8,478	47.6	601	40,379	95.6
Wash.	6,532	10.0	607	7,091	19.9	1,085	48.5	77	5,512	12.1
Oreg.	4,591	9.3	483	4,904	18.1	765	48.3	54	3,899	11.4
Calif.	32,431	68.6	3,866	36,704	128.6	6,334	47.3	449	29,223	70.0
Alaska	506	.6	44	649	1.6	116	51.6	6	484	.8
Hawaii	1,337	1.6	124	1,569	2.6	178	47.2	15	1,261	1.4

<sup>1</sup> Includes sales (or other) taxes and carrying charges or other charges for credit in 1972, but not for 1977.<sup>2</sup> For week including March 12.Source: U.S. Bureau of the Census, *Census of Wholesale Trade: 1972*, vol. II, and *1977, Geographic Area Series*, WC 77-A-1-52.

## No. 1442. MERCHANT WHOLESALERS—ESTIMATED SALES, BY KIND OF BUSINESS: 1970 TO 1983

[In billions of dollars. Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. See *Historical Statistics, Colonial Times to 1970*, series T 280-371, for related data]

KIND OF BUSINESS	1970	1975	1977	1978	1979	1980	1981	1982	1983, Jan.- June <sup>1</sup>
<b>Merchant wholesalers.....</b>	<b>287.3</b>	<b>559.5</b>	<b>671.8</b>	<b>793.4</b>	<b>944.2</b>	<b>1,111.9</b>	<b>1,208.1</b>	<b>1,144.4</b>	<b>566.0</b>
<b>Durable goods, total<sup>2</sup> .....</b>	<b>127.2</b>	<b>229.5</b>	<b>297.3</b>	<b>362.4</b>	<b>424.0</b>	<b>472.1</b>	<b>509.7</b>	<b>457.7</b>	<b>230.9</b>
Motor vehicles and automotive equipment.....	21.4	39.7	55.1	68.1	74.1	80.8	87.1	87.7	45.8
Furniture and home furnishings.....	5.5	8.3	11.1	12.6	14.0	15.5	16.8	16.0	8.4
Electrical goods.....	15.0	22.7	30.4	36.4	42.0	48.0	52.5	54.6	29.5
Hardware, plumbing, and heating equipment.....	10.5	15.2	19.8	23.2	26.5	28.4	30.0	26.8	13.6
Machinery, equipment, and supplies.....	33.8	69.2	85.7	102.6	122.8	138.8	155.8	135.3	65.0
<b>Nondurable goods, total<sup>2</sup> .....</b>	<b>160.1</b>	<b>329.8</b>	<b>374.6</b>	<b>431.0</b>	<b>520.2</b>	<b>639.8</b>	<b>688.3</b>	<b>686.6</b>	<b>355.1</b>
Paper and paper products.....	7.4	11.2	15.0	17.0	19.2	21.6	23.6	22.8	11.8
Groceries and related products.....	54.4	95.8	111.6	127.8	141.5	159.5	171.6	179.8	94.2
Beer, wine, and distilled beverages.....	13.1	19.4	22.4	25.8	28.6	31.7	34.3	36.1	17.6

<sup>1</sup> Unadjusted for seasonal variations. <sup>2</sup> Includes kinds of business not shown separately.

## No. 1443. MERCHANT WHOLESALERS—INVENTORIES AND STOCK-SALES RATIOS, BY KIND OF BUSINESS: 1970 TO 1983

[Data reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III]

KIND OF BUSINESS	INVENTORIES <sup>1</sup> (bil. dol.)						STOCK-SALES RATIOS <sup>3</sup> (percent)					
	1970	1975	1980	1981	1982	1983, June	1970	1975	1980	1981	1982	1983, June
<b>Merchant wholesalers.....</b>	<b>32.8</b>	<b>56.7</b>	<b>112.3</b>	<b>117.0</b>	<b>118.8</b>	<b>114.2</b>	<b>133</b>	<b>119</b>	<b>110</b>	<b>121</b>	<b>130</b>	<b>115</b>
<b>Durable goods, total<sup>4</sup> .....</b>	<b>19.7</b>	<b>36.7</b>	<b>71.7</b>	<b>76.7</b>	<b>78.5</b>	<b>75.0</b>	<b>184</b>	<b>184</b>	<b>172</b>	<b>187</b>	<b>208</b>	<b>177</b>
Motor vehicles, automotive equipment.....	2.9	6.6	11.2	11.4	13.0	12.3	153	174	180	158	170	154
Furniture and home furnishings.....	.7	1.2	2.3	2.3	2.2	2.3	148	162	172	177	167	157
Electrical goods.....	2.3	3.5	7.2	8.3	8.8	6.6	184	171	169	193	189	153
Hardware, plumbing, heating equipment.....	1.8	2.7	4.8	4.9	5.0	5.0	197	207	199	210	211	203
Machinery, equipment, and supplies.....	6.8	13.0	27.3	29.6	29.4	26.2	243	222	222	229	271	245
<b>Nondurable goods, total<sup>4</sup> .....</b>	<b>13.1</b>	<b>20.0</b>	<b>40.7</b>	<b>40.3</b>	<b>40.3</b>	<b>39.2</b>	<b>94</b>	<b>72</b>	<b>68</b>	<b>72</b>	<b>75</b>	<b>71</b>
Paper and paper products.....	.7	1.0	1.8	2.0	1.9	2.1	111	100	94	104	98	101
Groceries and related products.....	2.4	4.4	7.5	7.5	8.2	8.5	54	56	53	52	54	51
Beer, wine, and distilled beverages.....	1.2	1.7	3.0	3.2	3.4	3.5	105	105	112	110	112	101

<sup>1</sup> As of end of year, except 1983. <sup>2</sup> Unadjusted for seasonal variations. <sup>3</sup> Based on December adjusted sales and inventory estimates, except 1983. <sup>4</sup> Includes kinds of business not shown separately.

Source of tables 1442 and 1443: U.S. Bureau of the Census, *Current Business Reports*, series BW, *Monthly Wholesale Trade*.

## No. 1444. SELECTED SERVICES--SUMMARY: 1948 TO 1977

[Prior to 1958, excludes Alaska and Hawaii. 1972 and 1977 not strictly comparable with prior years due to changes in Standard Industrial Classification; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series T 43-47 and T 391-401.]

ITEM	Unit	1948	1954	1958	1963	1967	1972	1977
Firms, total .....	1,000.....	(NA)	(NA)	(NA)	1,017	1,136	<sup>1</sup> 1,525	<sup>1</sup> 1,764
Single unit establishments.....	1,000.....	(NA)	751	928	1,001	1,130	<sup>1</sup> 1,505	<sup>1</sup> 1,745
Muliunit establishments <sup>2</sup> .....	1,000.....	(NA)	35	51	61	58	<sup>1</sup> 85	<sup>1</sup> 90
Establishments, total.....	1,000.....	685	786	979	1,062	1,188	<sup>1</sup> 1,590	<sup>1</sup> 1,835
With payroll.....	1,000.....	370	375	444	504	521	684	725
Receipts, total.....	Bil. dol.	13.3	23.5	32.5	44.6	60.5	<sup>1</sup> 113.0	<sup>1</sup> 179.5
For establishments with payroll.....	Bil. dol.	12.2	21.3	29.1	41.0	55.5	103.2	164.2
Average receipts per establishment.....	\$1,000.....	32.9	50.7	65.5	81.3	106.5	151.0	226.5
For establishments without payroll.....	Bil. dol.	1.1	2.2	3.4	3.6	5.0	9.7	15.3
Average receipts per establishment.....	\$1,000.....	3.8	5.5	6.3	6.4	7.5	10.7	13.8
By multiunit establishments <sup>2</sup> .....	Bil. dol.	(NA)	5.7	9.2	13.9	22.0	37.8	63.5
Percent of total receipts .....	Percent.....	(NA)	24.3	28.3	31.1	36.4	33.5	35.4
Payroll entire year .....	Bil. dol.	4.2	C.5	9.0	12.2	17.5	<sup>1</sup> 33.4	<sup>1</sup> 56.1
Paid employees, March 12 workweek <sup>4</sup> .....	1,000.....	2,100	2,362	2,964	3,262	3,841	<sup>1</sup> 5,305	<sup>1</sup> 6,337
Active proprietors of unincorporated businesses.....	1,000.....	687	781	896	1,017	1,082	(NA)	(NA)

NA Not available. <sup>1</sup> Includes architectural, engineering, surveying, legal services, and dental labs. <sup>2</sup> Establishments operated by firms at two or more locations. <sup>3</sup> 1977 receipts reflect commissions, fees, and other income of advertising agencies rather than gross billings as in previous censuses. (For 1972, the comparable receipts figure is \$105.4 billion.) <sup>4</sup> 1948-1963 data for Nov. 15 workweek.

Source: U.S. Bureau of the Census, *U.S. Census of Business: 1948*, vol. VI; *1954*, vol. V; *1958*, vol. V; *1963*, vol. VI; *1967*, vol. V, Part 1; and *Census of Selected Service Industries, 1972*, vol. I, and *1977*, SC 77-A-52.

## NO. 1445. SELECTED SERVICES—RECEIPTS, BY KINDS OF BUSINESS: 1972 TO 1982

[In billions of dollars. Data for 1972-1981 based on monthly estimates and reflect methodological revision effective August 1977. Based on Current Business Survey, see Appendix III. Comparisons of 1981 and 1982 data based on the Annual Survey with 1972-1981 data based on monthly estimates should be made with caution since the Annual Survey is based on a different sample of firms]

KIND OF BUSINESS	1972	1975	1977	1978	1979	1980	1981	1981 <sup>1</sup>	1982 <sup>1</sup>
<b>Selected services, total</b>	<b>93.4</b>	<b>123.0</b>	<b>159.2</b>	<b>181.4</b>	<b>210.1</b>	<b>237.5</b>	<b>137.8</b>	<b>148.4</b>	<b>153.0</b>
Excluding business services	55.7	72.4	91.5	103.2	116.5	126.3	(x)	(x)	(x)
Hotels, motels, tourist courts, camps, and trailering parks	10.6	13.7	17.2	20.2	23.5	25.1	27.9	28.1	29.2
Hotels, motels, and tourist courts	10.0	13.0	16.4	19.4	22.2	23.6	26.6	26.7	27.7
Personal services <sup>2</sup>	13.9	15.7	18.4	20.3	22.2	23.6	25.3	27.5	28.6
Laundry, cleaning, and garment services	5.7	6.0	6.8	7.5	8.1	8.8	9.1	9.3	9.6
Beauty shops	3.0	3.4	4.2	4.7	5.2	5.4	5.7	5.8	6.0
Barber shops	.9	.9	1.1	1.1	1.2	1.2	1.2	1.2	1.2
Business services	37.8	50.6	67.7	78.2	93.6	111.2	(NA)	(NA)	(NA)
Advertising	10.6	12.8	17.2	19.9	23.3	25.5	(NA)	(NA)	(NA)
Automotive repair, services, and garages	12.0	16.6	21.4	24.9	29.3	32.1	34.0	36.9	38.6
Automotive repair shops	7.0	10.6	13.4	15.2	17.7	18.7	19.8	20.8	22.1
Miscellaneous repair services	5.8	8.9	12.7	14.6	15.8	17.2	18.9	18.4	17.4
Amusement and recreation services, incl. motion pictures	19.4	17.6	21.8	23.2	25.8	28.3	31.7	37.4	39.2

NA Not available. X Not applicable. <sup>1</sup> Based on annual survey. <sup>2</sup> Includes services not shown separately.

Source: U.S. Bureau of the Census, *Current Business Reports*, series BS, *Monthly Selected Services Receipts* and *1982 Service Annual Survey*.

## NO. 1446. HOTEL AND MOTOR HOTEL OPERATIONS—OCCUPANCY RATIO, SALES INDEXES, AND ROOM RATE INDEX: 1960 TO 1982

[Annual averages of monthly figures. Based on monthly reports from lodging establishments (approximately 1400 in 1981). Prior to 1980, economy operations were excluded. See table 1447.]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>Occupancy ratio (percent)</b>	<b>65</b>	<b>62</b>	<b>55</b>	<b>66</b>	<b>65</b>	<b>62</b>	<b>66</b>	<b>68</b>	<b>72</b>	<b>71</b>	<b>68</b>	<b>67</b>	<b>65</b>
<b>Sales Indexes (1967 = 100):</b>													
Total sales	94	94	107	121	128	132	147	163	188	210	234	251	256
Room sales	90	91	112	129	137	145	164	185	218	249	283	305	313
Restaurant sales	97	97	100	112	118	119	129	139	156	167	180	181	193
<b>Room rate Index (1967 = 100)</b>	<b>86</b>	<b>91</b>	<b>125</b>	<b>139</b>	<b>150</b>	<b>165</b>	<b>178</b>	<b>194</b>	<b>220</b>	<b>255</b>	<b>295</b>	<b>326</b>	<b>348</b>

Source: Lennenthal & Horwath, Philadelphia, Pa., *National Trend of Business in the Lodging Industry*, monthly. (Copyright, 1982, by Lennenthal & Horwath.)

## NO. 1447. FULL-SERVICE AND ECONOMY LODGING INDUSTRIES—SUMMARY: 1980 TO 1982

[An economy lodging establishment offers clean, standard-sized, fully-furnished modern rooms at usually \$10.00 to \$20.00 per night below the rate of typical full-service motor hotels. Their customers do not need food facilities, banquet rooms or meeting facilities, indoor recreation areas, or entertainment. Based on Annual Surveys of Lodging Establishments. Covers approximately 600 full-service establishments and 300 economy establishments in 1982.]

ITEM	FULL-SERVICE			ECONOMY		
	1980	1981	1982	1980	1981	1982
Room occupancy rate	70.4	70.1	66.0	77.2	78.5	65.7
Average room rate (dol.)	37.67	39.14	43.55	16.52	18.51	21.97
Sales per available room (dol.)	15,271	15,364	16,519	4,894	5,507	5,470
Payroll and related expenses per available room (dol.)	4,868	4,531	5,334	1,217	1,217	1,101
Ratio of net income before income tax to sales	9.8	9.7	7.0	22.0	24.7	24.1
Employees <sup>1</sup> per 100 available rooms	61.6	63.0	55.6	15.6	12.5	(NA)
Sales per employee <sup>1</sup> (dol.)	34,753	36,329	37,081	31,842	42,427	(NA)
Composition of market—(percent)						
Business travelers	40.4	41.0	37.0	43.7	51.7	48.3
Tourists	27.5	26.1	32.6	39.3	33.7	34.9
Conference participants	19.1	21.0	21.2	1.6	2.0	2.3
Percent advanced reservations	77.1	81.8	77.5	20.9	26.8	21.7

NA Not available. <sup>1</sup> Full-time equivalent employees.

Source: Lennenthal & Horwath, Philadelphia, Pa., *U.S. Lodging Industry*, annual; and *U.S. Economy Lodging Industry*, annual.

## NO. 1448. SELECTED SERVICES, BY KIND OF BUSINESS: 1972 AND 1977

KIND OF BUSINESS	ESTABLISHMENTS WITH PAYROLL, 1972		ALL ESTABLISH- MENTS, 1977		ESTABLISHMENTS WITH PAYROLL, 1977		
	Re- ceipts <sup>1</sup> (mil. dol.)	Paid employ- ees <sup>2</sup> (1,000)	Num- ber (1,000)	Re- ceipts <sup>1</sup> (mil. dol.)	Num- ber (1,000)	Re- ceipts <sup>1</sup> (mil. dol.)	Pay- roll entire year (mil. dol.)
<b>Selected services</b>	<b>9,567.6</b>	<b>5,305.2</b>	<b>1,834.7</b>	<b>179,515</b>	<b>725.1</b>	<b>164,219</b>	<b>56,055</b>
Hotels, motels, trailer parks, camps	10,197	726.6	70.7	18,453	41.6	17,893	5,130
Hotels	4,745	347.0	12.5	9,884	10.4	9,837	3,094
Motels, motor hotels, tourist courts	5,089	364.1	39.3	7,835	28.7	7,578	1,933
Motels and tourist courts	3,854	273.1	(NA)	(NA)	24.3	5,736	1,409
Motor hotels	1,234	91.0	(NA)	(NA)	2.4	1,842	524
Sporting, recreational camps	225	10.5	5.3	277	2.2	230	59
Trailer parks, campsites for transients	139	5.0	13.5	457	2.2	247	44
Personal services	11,692	976.7	512.1	18,433	170.2	15,297	5,478
Laundry, cleaning, other garment services	5,334	468.3	75.4	6,829	46.5	6,326	2,288
Photographic studios	542	26.4	37.1	1,195	6.2	841	215
Beauty shops	2,418	279.3	196.1	4,274	74.5	3,392	1,534
Barber shops	394	38.2	68.6	992	11.5	433	182
Shoe repair, shoe shine, etc.	126	8.6	9.6	239	3.1	150	40
Funeral service, crematories	2,071	70.2	19.6	2,827	15.1	2,652	639
Misc. personal services	807	85.8	105.7	2,088	13.1	1,503	480
<b>Business services</b>	<b>27,932</b>	<b>1,759.4</b>	<b>458.2</b>	<b>54,500</b>	<b>154.8</b>	<b>49,999</b>	<b>20,852</b>
Advertising	2,781	111.5	32.9	4,983	10.9	4,483	1,921
Service to dwellings, other buildings	2,307	333.5	67.3	4,597	26.3	4,210	2,256
Computer, data processing services	3,411	127.4	16.1	7,576	10.3	7,476	2,833
Management, consulting, public relations	3,549	143.2	143.6	8,343	24.7	6,653	2,839
Equipment rental, leasing services	2,205	60.8	29.3	5,102	12.0	4,729	1,086
Other business services <sup>3</sup>	13,679	983.0	168.9	23,898	70.6	22,448	9,918
Credit reporting, collection agencies	803	63.1	(NA)	(NA)	6.1	1,238	539
Direct mail advertising services	538	33.3	(NA)	(NA)	1.7	843	276
Commercial photography, art, graphics	882	35.1	(NA)	(NA)	7.8	1,719	588
Temporary help supply services	918	179.2	(NA)	(NA)	4.2	2,324	1,703
Commercial research, development labs <sup>4</sup>	1,764	72.5	(NA)	(NA)	1.8	2,026	843
Detective agencies, protective services	1,420	212.0	(NA)	(NA)	7.1	2,615	1,598
Photofinishing laboratories	1,165	44.4	(NA)	(NA)	3.0	1,873	523
<b>Auto repair, services, garages</b>	<b>10,929</b>	<b>392.5</b>	<b>200.2</b>	<b>21,576</b>	<b>106.2</b>	<b>19,659</b>	<b>4,456</b>
Automotive repair shops	6,134	257.9	154.2	12,770	80.7	11,283	3,090
General auto repair	2,569	98.2	87.0	5,633	37.2	4,641	1,173
Top and body repair	1,578	65.7	36.8	3,246	22.6	2,907	87.9
Other auto repair	1,988	74.0	26.4	3,891	20.9	3,735	1,043
Automotive rental and leasing, without drivers	3,486	62.7	12.4	6,407	8.7	6,290	834
Auto parking	711	37.3	8.9	1,008	8.2	992	211
Automotive services, exc. repair	597	54.7	24.7	1,391	8.7	1,092	320
<b>Miscellaneous repair services</b>	<b>4,836</b>	<b>206.8</b>	<b>162.9</b>	<b>11,028</b>	<b>55.0</b>	<b>9,558</b>	<b>2,992</b>
Electrical, electronic repair shops	1,729	74.4	52.5	3,581	19.1	3,077	1,001
Raupholstery, furniture repair	334	19.1	24.6	721	7.1	516	158
Other repair shops, related services	2,772	113.3	85.8	6,726	28.7	5,966	1,833
<b>Amusement, recreation services, incl. motion pictures<sup>4</sup></b>	<b>12,660</b>	<b>653.0</b>	<b>176.8</b>	<b>21,143</b>	<b>61.8</b>	<b>19,756</b>	<b>5,272</b>
Motion picture prod., distribution, services	2,857	64.7	10.7	5,412	5.5	5,314	1,377
Motion picture theaters	1,816	127.4	11.8	2,606	10.7	2,570	482
Producers, orchestras, entertainers <sup>5</sup>	1,111	58.4	67.7	2,361	6.7	1,768	524
Bowling alleys, billiards, pool establishments	1,142	94.9	11.3	1,768	8.0	1,702	490
Other amusement and recreation services <sup>4</sup>	5,735	307.7	75.2	8,997	30.9	8,401	2,419
Membership sports and recreation clubs <sup>5</sup>	1,599	116.5	(NA)	(NA)	6.3	1,148	385
Museums, botanical and zoological gardens (commercial) <sup>6</sup>	(NA)	(NA)	(NA)	(NA)	.5	97	28
Dental laboratories	519	29.8	10.3	948	6.3	862	367
Legal services <sup>6</sup>	7,724	267.7	167.9	18,696	94.9	17,147	5,217
Engineering, architecture, surveying	7,186	292.6	75.6	14,737	34.4	14,049	6,292

NA. Not available. <sup>1</sup> Includes sales, occupancy, admissions, or other taxes collected from customers and forwarded to taxing authorities in 1972, but not in 1977. <sup>2</sup> Week including Mar. 12. <sup>3</sup> Adjusted to reflect changes in measuring 1977 receipts data for advertising agencies. <sup>4</sup> Includes other services not shown separately. <sup>5</sup> 1972 not strictly comparable with 1977 since 1977 data are only for establishments paying Federal income taxes. For data pertaining to tax-exempt establishments, see table 1450. <sup>6</sup> Includes expense-sharing associations in 1977. <sup>7</sup> For services rendered in 1972, whether or not payment received in 1972. <sup>8</sup> For payments received in 1977, regardless of when services provided.

Source: U.S. Bureau of the Census, *Census of Selected Service Industries: 1972*, vol. I, and *1977, U.S. Summary*, SC 77-A-52.

## Domestic Trade and Services

## NO. 1449. SELECTED SERVICE INDUSTRIES—SUMMARY, BY STATES: 1977

[Discrepancies in figures identified after tabulation process was completed have been corrected only at level significantly affected; hence, detail may not add to total]

DIVISION AND STATE	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL				BUSINESS SERVICES		PERSONAL SERVICES		AUTOMOTIVE REPAIR, SERVICES, AND GARAGES	
	Number (1,000)	Receipts (mil. dol.)	Number (1,000)	Receipts (mil. dol.)	Pay-roll, entire year (mil. dol.)	Paid employees <sup>1</sup> (1,000)	Establishments	Receipts (mil. dol.)	Establishments	Receipts (mil. dol.)	Establishments	Receipts (mil. dol.)
U.S.	1,834.7	179,515	725.1	164,219	56,055	6,337.3	458,232	54,500	512,140	18,433	200,153	21,576
N.E.	110.9	9,291	42.7	8,348	2,878	334.1	29,863	3,085	27,318	1,016	10,692	1,127
Maine	10.4	527	3.7	456	131	18.2	1,668	70	2,943	65	1,346	106
N.H.	8.0	547	3.2	477	152	20.2	1,987	102	2,226	65	982	79
Vt.	5.1	299	1.9	263	81	13.8	940	42	1,280	30	579	31
Mass.	52.6	6,025	19.5	4,549	1,621	175.9	15,020	1,830	12,589	504	4,876	532
R.I.	7.5	534	3.2	476	166	20.9	1,689	158	2,200	74	824	81
Conn.	26.4	2,359	11.2	2,127	727	85.1	8,559	863	6,070	278	2,085	298
M.A.	307.7	35,876	124.6	33,262	11,541	1,154.7	84,859	12,942	81,203	3,107	30,615	3,481
N.Y.	156.8	21,237	64.5	19,954	6,891	631.8	46,628	8,250	36,098	1,562	12,505	1,829
N.J.	80.2	6,243	26.8	5,711	2,062	218.7	18,649	2,257	13,860	626	5,907	745
Pa.	80.7	8,406	33.3	7,597	2,588	304.2	19,582	2,435	29,247	919	12,203	1,106
E.N.C.	311.1	29,361	119.0	26,727	9,223	1,046.6	76,123	8,982	92,328	3,598	32,683	4,007
Ohio	76.9	7,060	31.4	6,446	2,194	267.8	17,236	1,895	22,489	926	8,811	1,070
Ind.	41.3	2,766	14.7	2,447	781	106.3	8,130	651	14,497	450	5,076	493
Ill.	86.9	10,567	34.1	9,844	3,396	347.0	28,109	3,844	26,806	1,092	8,650	1,093
Mich.	60.6	5,389	24.9	5,882	2,059	218.9	14,268	1,925	17,317	771	6,487	981
Wis.	35.4	2,579	13.9	2,308	793	106.6	8,380	667	9,219	349	3,659	370
W.N.C.	153.2	10,959	54.2	9,782	3,232	417.9	30,392	2,951	51,132	1,416	18,463	1,649
Minn.	34.2	2,785	11.8	2,514	882	109.6	6,897	818	10,541	332	3,671	360
Iowa	27.3	1,560	9.2	1,347	409	60.2	5,315	347	9,838	230	3,429	281
Mo.	43.5	3,748	15.7	3,401	1,157	136.0	10,161	1,155	14,224	431	5,290	524
N. Dak.	5.4	318	2.0	279	88	12.6	776	54	1,753	49	645	56
S. Dak.	6.4	309	2.3	263	73	11.5	787	42	2,137	46	781	49
Nebr.	14.8	976	5.5	863	280	40.1	2,506	233	5,034	126	1,914	173
Kans.	21.6	1,262	7.7	1,095	343	47.9	3,950	302	7,605	202	2,733	206
S.A.	273.5	26,219	116.7	24,145	8,329	1,034.5	63,503	7,156	77,925	2,859	30,983	3,174
Del.	4.4	407	1.9	376	127	16.6	1,062	129	1,245	43	458	55
Md.	32.9	3,358	12.6	3,093	1,214	132.0	9,441	1,253	8,845	351	2,778	345
D.C.	8.6	1,842	4.0	1,760	631	60.4	3,114	575	1,757	95	561	107
Va.	36.8	3,613	15.9	3,385	1,220	138.0	9,139	1,217	10,820	422	3,865	412
W. Va.	11.4	824	4.7	749	231	30.8	1,668	131	4,069	127	1,391	100
N.C.	41.1	2,752	16.6	2,471	790	112.7	6,942	601	14,757	458	5,996	464
S.C.	19.6	1,420	8.5	1,285	415	60.8	3,280	252	6,663	199	2,687	195
Ga.	36.9	3,454	16.0	3,184	1,048	133.6	7,824	929	11,544	398	4,826	495
Fla.	81.8	6,549	36.5	7,962	2,653	349.6	21,033	2,068	18,225	776	8,421	1,000
E.S.C.	92.7	6,910	38.1	6,211	2,022	274.6	16,207	1,714	31,423	1,003	12,319	1,047
Ky.	24.0	1,597	8.8	1,396	435	63.2	4,171	823	8,074	265	9,128	217
Tenn.	32.2	2,729	13.2	2,481	838	106.8	5,940	818	10,592	365	4,120	387
Alas.	21.9	1,696	10.0	1,548	511	68.1	3,851	416	7,516	238	3,086	277
Miss.	14.6	888	6.1	786	238	36.5	2,245	160	5,241	135	1,965	156
W.S.C.	180.9	16,928	74.1	15,437	5,074	612.1	40,056	4,929	53,548	1,848	23,501	2,112
Ark.	9.2	63	798	233	36.0	2,481	162	5,635	145	2,610	196	
La.	27.5	2,941	12.0	2,712	858	108.4	5,507	899	8,162	255	3,219	295
Okla.	25.7	1,661	9.4	1,447	466	61.1	5,272	439	8,466	226	3,322	246
Tex.	111.3	11,404	46.4	10,480	3,517	406.6	26,816	3,429	31,285	1,222	14,350	1,375
Mt.	100.7	10,727	40.6	9,943	3,316	391.6	24,520	2,464	24,622	826	11,044	1,097
Mont.	8.0	440	3.0	386	114	17.8	1,413	68	2,057	52	1,035	72
Idaho	8.1	569	2.9	505	209	22.3	1,547	197	2,235	58	997	71
Wyo.	4.8	373	2.1	334	92	12.5	847	54	1,097	28	518	45
Colo.	30.1	2,481	11.7	2,246	757	94.3	8,007	696	7,567	242	3,036	324
N. Mex.	9.7	1,059	4.3	992	351	36.0	2,129	496	2,339	77	1,233	99
Ariz.	20.6	1,853	8.7	1,687	557	75.9	5,733	496	4,442	190	2,282	254
Utah	11.4	838	4.3	756	244	33.5	2,817	230	3,203	86	1,251	135
Nev.	8.0	3,105	3.6	3,037	992	99.3	2,027	217	1,672	92	691	97
Pac.	304.1	33,143	115.0	30,383	10,442	1,071.2	92,709	10,308	72,641	2,763	29,853	3,881
Wash.	34.4	2,984	13.2	2,726	892	98.2	8,299	923	9,176	301	3,715	386
Oreg.	23.1	1,752	8.7	1,565	507	65.4	5,532	476	5,999	208	2,670	262
Calif.	234.2	26,617	88.3	24,407	8,484	844.7	75,178	8,602	54,695	2,139	22,149	3,015
Alaska	4.4	514	1.5	469	169	13.5	1,349	134	844	32	455	54
Hawaii	8.0	1,276	3.3	1,216	390	49.4	2,351	173	1,927	83	664	164

<sup>1</sup> Week including Mar. 12.

Source: U.S. Bureau of the Census, *Census of Service Industries, 1977*, Geographic Area Series, SC 77-A-1 through 52.

## NO. 1450. SELECTED TAXABLE AND TAX-EXEMPT SERVICE INDUSTRIES—SUMMARY: 1977

[Covers taxable service industry establishments covered for the first time in the 1977 Census of Service Industries and also tax-exempt service industry establishments with payroll. Establishments indicating all or part of their income was exempt from Federal income tax under provisions of section 501 or 521 of the IRS code were classified as tax-exempt]

KIND OF BUSINESS OR OPERATION	ALL ESTABLISHMENTS		ESTABLISHMENTS WITH PAYROLL					Paid employees <sup>2</sup> (1,000)	
	Number (1,000)	Receipts or expenses <sup>1</sup> (mil. dol.)	Number (1,000)	Receipts or expenses <sup>1</sup> (mil. dol.)	Payroll				
					Entire year (mil. dol.)	As percent of receipts or expenses <sup>1</sup>	First quarter (mil. dol.)		
<i>Taxable service industries</i>									
Total.....	944.2	78,211.6	363.7	68,122.7	27,766.4	40.8	6,653.5	2,587.6	
<i>Arrangement of passenger transportation<sup>3</sup></i>									
Travel agencies.....	19.4	1,727.3	12.2	1,599.8	631.5	39.5	146.7	59.8	
Tour operators.....	(NA)	(NA)	10.9	1,131.0	462.0	40.9	107.4	52.3	
Rooming, boarding, and membership lodging.....	(NA)	(NA)	1.2	359.5	123.5	34.9	29.0	11.5	
Rooming and boarding houses.....	(NA)	(NA)	2.4	182.6	46.0	25.2	13.3	9.8	
Organization hotels and lodging houses, on a membership basis.....	(NA)	(NA)	.7	51.8	13.5	26.1	3.5	2.9	
Health services, except dental labs <sup>3,4</sup> .....	433.8	58,181.9	272.4	54,645.9	22,378.8	41.0	5,354.0	1,986.0	
Physicians offices.....	189.1	28,756.5	136.2	26,948.8	11,854.5	44.0	2,833.0	624.0	
Dentist offices.....	99.3	10,007.2	82.7	9,528.7	3,043.9	31.9	727.1	284.4	
Osteopathic physicians offices.....	5.9	776.3	5.2	755.0	307.7	40.8	72.9	20.3	
Chiropractors offices.....	14.3	679.7	7.6	536.2	110.0	20.5	27.3	15.6	
Optometrists offices.....	16.6	1,551.9	12.1	1,397.6	289.1	20.7	69.3	32.2	
Nursing and personal care facilities.....	30.4	7,343.7	10.8	7,194.9	3,549.4	49.3	840.5	662.9	
Skilled nursing care facilities.....	(NA)	(NA)	5.7	519.0	2,506.5	49.8	611.0	462.0	
Hospitals.....	1.0	4,743.9	1.0	4,743.9	1,783.3	37.8	426.2	202.8	
Gen. medical and surgical hospitals.....	(NA)	(NA)	.8	281.8	1,585.1	37.3	380.3	180.4	
Medical laboratories.....	5.4	1,510.7	4.4	1,494.8	593.0	38.9	142.6	52.3	
Educational services <sup>3,4</sup> .....	85.1	2,278.0	9.1	1,806.2	708.4	38.1	172.9	94.8	
Elementary and secondary schools <sup>5</sup> .....	(NA)	(NA)	2.2	273.1	144.5	52.9	38.2	25.8	
Colleges, univer. prof. schools, junior colleges.....	(NA)	(NA)	.1	150.6	69.1	45.9	16.2	7.8	
Correspondence and vocational schools.....	(NA)	(NA)	2.6	841.0	302.2	35.9	72.8	34.1	
Voc. schools, exc. vco. high, n.e.c. <sup>6</sup> .....	(NA)	(NA)	1.5	496.4	152.9	35.0	36.1	17.1	
Schools and educational services, n.e.c. <sup>6</sup> .....	(NA)	(NA)	4.0	531.5	185.7	34.9	44.3	26.2	
Social and miscellaneous services <sup>3,4</sup> .....	396.9	13,722.6	65.8	9,836.3	3,990.2	40.6	983.2	422.3	
Accounting, auditing, bookkeeping services.....	126.1	7,990.5	39.3	7,276.9	2,917.2	40.1	723.6	230.9	
Social and other miscellaneous services.....	270.7	5,732.1	26.4	2,559.4	1,072.9	41.9	259.5	191.4	
Social services.....	(NA)	(NA)	23.1	2,035.5	865.9	42.5	208.1	177.4	
Child day care services.....	(NA)	(NA)	14.2	759.6	338.8	44.8	85.3	87.5	
<i>Tax-exempt service industries<sup>3</sup></i>									
Total.....	(X)	(X)	165.6	85,371.6	41,690.9	48.8	9,949.5	4,960.5	
Sporting and recreational camps.....	(X)	(X)	.8	82.7	28.1	34.0	5.0	3.1	
Organization hotels and lodging houses, on membership basis.....	(X)	(X)	3.1	219.9	50.9	23.2	14.2	13.3	
Miscellaneous business services.....	(X)	(X)	.4	1,214.4	594.7	49.0	140.7	35.6	
Commercial research and development labs <sup>7</sup> .....	(X)	(X)	.3	1,148.2	555.3	48.4	131.4	32.3	
Selected amusement, rec. services.....	(X)	(X)	7.1	21,130.1	940.3	44.1	199.8	121.6	
Producers, orchestras, entertainers <sup>7</sup> .....	(X)	(X)	1.2	524.1	245.7	46.0	61.5	27.2	
Membership, sports, rec. clubs <sup>7</sup> .....	(X)	(X)	5.9	1,606.0	694.6	43.3	139.3	94.4	
Health services <sup>8</sup> .....	(X)	(X)	12.3	43,980.8	22,848.7	52.0	5,439.2	2,431.6	
Hospitals.....	(X)	(X)	3.6	39,196.7	20,332.6	51.9	4,043.6	2,098.0	
Legal aid societies and similar legal services <sup>9</sup> .....	(X)	(X)	1.1	259.0	153.2	59.2	34.6	12.4	
Educational services <sup>3,8</sup> .....	(X)	(X)	9.2	14,026.2	7,224.4	51.5	1,763.4	932.3	
Elementary and secondary schools <sup>3</sup> .....	(X)	(X)	3.3	1,296.1	744.6	57.4	190.4	99.4	
Colleges, univer. prof. schools, junior colleges.....	(X)	(X)	1.8	12,027.6	6,164.3	51.3	1,497.0	783.6	
Social services <sup>3,8</sup> .....	(X)	(X)	41.0	8,294.9	4,124.2	49.7	982.3	676.5	
Individual and family social services.....	(X)	(X)	12.4	2,236.9	1,143.4	51.1	266.0	167.4	
Job training, vocational rehabilitation services.....	(X)	(X)	3.4	1,048.4	610.7	58.3	133.9	138.4	
Child day-care services.....	(X)	(X)	10.6	829.2	494.8	59.7	123.6	102.4	
Residential care.....	(X)	(X)	5.6	1,857.4	880.8	47.4	209.6	135.1	
Museums, art galleries, botanical, and zoological gardens <sup>3</sup> .....	(X)	(X)	2.3	613.1	267.0	43.5	82.4	32.6	
Noncommercial.....	(X)	(X)	1.8	483.1	210.6	43.6	50.3	25.4	
Commercial.....	(X)	(X)	.4	130.0	56.3	43.3	12.1	7.2	
Membership organiz., exc. religious <sup>3</sup> .....	(X)	(X)	82.7	12,057.8	4,407.2	36.5	1,075.0	600.1	
Business associations.....	(X)	(X)	11.7	2,308.4	821.6	35.6	200.6	68.8	
Professional membership organizations.....	(X)	(X)	4.9	1,264.6	432.3	33.7	104.7	34.6	
Labor unions and similar labor organizations.....	(X)	(X)	23.4	3,468.4	1,303.7	37.6	316.6	179.0	
Civic, social, and fraternal associations.....	(X)	(X)	34.1	3,606.5	1,341.5	37.2	330.7	255.9	
Noncommercial educational, scientific, and research organizations.....	(X)	(X)	1.9	1,437.3	594.7	41.4	146.9	47.8	

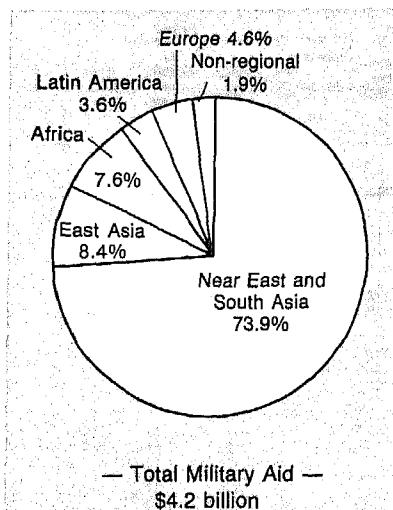
NA Not available. X Not applicable. <sup>1</sup>Pertains to receipts for taxable establishments and expenses for tax-exempt establishments. <sup>2</sup>For the week including March 12.

<sup>3</sup>Includes other kinds of businesses, not shown separately. <sup>4</sup>Excludes schools operated by religious organizations. <sup>5</sup>N.e.c.=Not elsewhere classified. <sup>6</sup>For similar data on taxable establishments, see table 1463. <sup>7</sup>For similar data on tax-exempt establishments, see above.

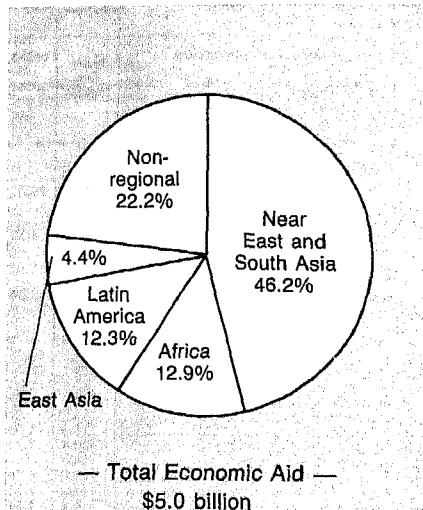
Source: U.S. Bureau of the Census, *Census of Service Industries, 1977*, Geographic Area Series, SC 77-A-53.

**Figure 31.1**  
**U.S. Foreign Aid, by Region: 1982**

Military Aid

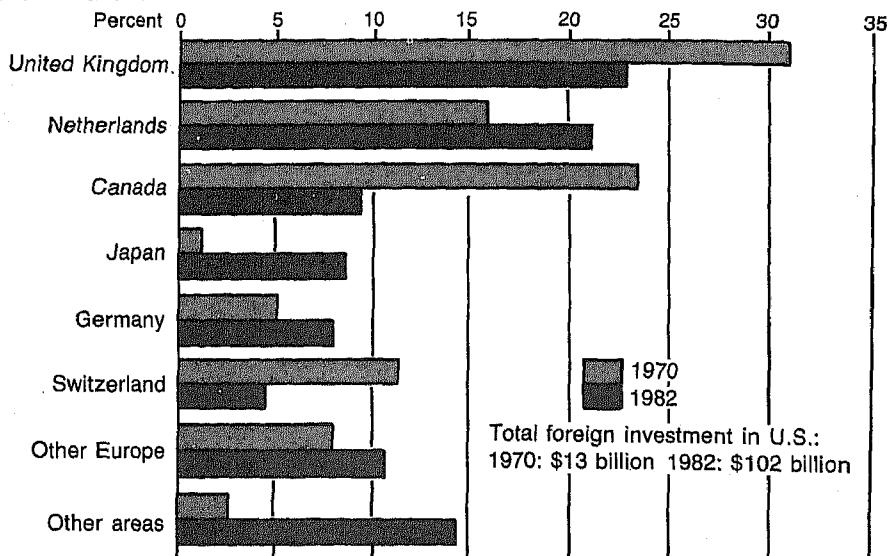


Economic Aid

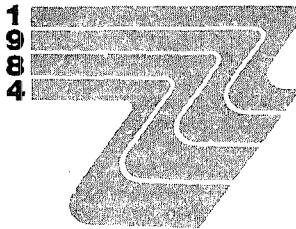


Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 1464 and 1465.

**Figure 31.2**  
**Foreign Direct Investment in the U.S. — Percent Distribution by Area: 1970 and 1982**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1456.



# Foreign Commerce and Aid

This section presents data on the flow of goods, services, and capital between the United States and other countries; changes in official reserve assets of the United States; international investments; foreign assistance programs; and import duties.

The Bureau of Economic Analysis publishes current figures on U.S. international transactions and the U.S. international investment position in its monthly *Survey of Current Business*. Figures for earlier periods are presented in *Balance of Payments—Statistical Supplement*, 1963 revised edition, in the periodic *Foreign Grants and Credits by the United States Government*, and in the June issues of the *Survey of Current Business*. Statistics for the foreign aid programs are presented by the Agency for International Development (AID) in its annual *U.S. Overseas Loans and Grants and Assistance from International Organizations*; and by the Department of Agriculture in its *Foreign Agricultural Trade of the United States*.

The principal source of merchandise import and export data is the Bureau of the Census. Current data are presented monthly in Report FT 135, *U.S. General Imports, Schedule A: Commodity by Country*; Report FT 410, *U.S. Exports, Schedule E: Commodity by Country*; and Report FT 990, *Highlights of U.S. Export and Import Trade*. The Bureau of the *Census Catalog* and the *Guide to Foreign Trade Statistics* lists the Bureau's monthly and annual reports in this field. In addition, the International Trade Administration and the Bureau of Economic Analysis present summary as well as selected commodity and country data for U.S. foreign trade in the *Overseas Business Reports* and the *Survey of Current Business*, respectively. The merchandise trade data in the latter source include balance of payments adjustments to the Census data. The Treasury Department's *Annual Report of the Secretary* contains information on import duties.

**International accounts.**—The international transactions tables (Nos. 1451-1453) show, for given time periods, the transfer of goods, services, grants, and financial assets and liabilities between the United States and the rest of the world. The international investment position table (No. 1454) presents, for specific dates, the value of U.S. investments abroad and of foreign investments in the United States. The movement of foreign and U.S. capital as presented in the balance of payments is not the only factor affecting the total value of foreign investments. Among the other factors, are changes in the valuation of assets or liabilities, including securities, defaults, expropriations, and write-offs.

Direct investment abroad means ownership or control, direct or indirect, by one U.S. person or business enterprise of 10 percent or more of the voting securities of an incorporated foreign business enterprise or an equivalent interest in an unincorporated foreign business enterprise. Direct investment position is the yearend value of U.S. parents' claims on the equity of, and receivables due from, foreign affiliates less foreign affiliates' receivables due from the United States. Income consists of U.S. parents' shares in earnings (net of foreign income taxes) of their foreign affiliates plus net interest on intercompany accounts, less withholding taxes on dividends and interests.

**Foreign aid.**—Foreign assistance is divided into three major categories—grants (military supplies and services and other grants), credits, and other assistance (through net accumulation of foreign currency claims from the sale of agricultural commodities). *Grants* are transfers for which no payment is expected (other than a limited percentage of the foreign currency "counterpart" funds generated by the grant), or which at most involve an obligation on the part of the receiver to extend aid to the United States or other countries to achieve a common objective. *Credits* are loan disbursements or transfers under other agreements which give rise to specific obligations to repay, over a period of years, usually with interest. All known returns to the U.S. Government stemming from grants and credits (reverse grants, returns of grants, and payments of principal) are taken into account in net grants and net credits, but no allowance is made for interest or commissions. *Other assistance* represents the transfer of U.S. farm products in exchange for foreign currencies (plus, since enactment of Public Law 87-128, currency claims from principal and interest collected on credits extended under the farm products program), less the Government's disbursements of the currencies as grants, credits, or for purchases. The net acquisition of currencies represents net

transfers of resources to foreign countries under the agricultural programs, in addition to those classified as grants or credits.

Figures as published in the *Foreign Grants and Credits* series are not identical with figures shown for Government unilateral transfers and capital in the balance of payments, mainly because of differences in treatment of particular items by the two sets of accounts. Such items include contributions to the multilateral construction program of the North Atlantic Treaty Organization, government investments in certain productive enterprises abroad, government receipts on funded claims, and net changes in foreign currency holdings resulting from transactions other than those under the farm products program, such as collections of principal and interest and purchases for dollars.

The basic instrument for extending military aid to friendly nations has been the Mutual Defense Assistance Program authorized by the Congress in 1949. Prior to 1952, economic and technical aid was authorized in the Foreign Assistance Act of 1948, the 1950 Act for International Development, and other legislation which set up programs for specific countries. In 1952, these economic, technical, and military aid programs were combined under the Mutual Security Act, which in turn was followed by the Foreign Assistance Act passed in 1961. Appropriations to provide military assistance were also made in the Department of Defense Appropriation Act (rather than the Foreign Assistance Appropriation Act) beginning in 1966 for certain countries in Southeast Asia and in other legislation concerning programs for specific countries (such as Israel). Figures on activity under the Foreign Assistance Act as reported in the *Foreign Grants and Credits* series differ from data published by AID or its immediate predecessors, due largely to differences in reporting, timing, and treatment of particular items.

**Exports.**—The Bureau of the Census compiles export data primarily from Shipper's Export Declarations required to be filed with customs officials for shipments leaving the United States. They include U.S. exports under mutual security programs and exclude shipments to U.S. Armed Forces for their own use.

The value reported in the export statistics is generally equivalent to a free alongside ship (f.a.s.) value at the U.S. port of export, based on the transaction price, including inland freight, insurance, and other charges incurred in placing the merchandise alongside the carrier at the U.S. port of exportation. This value, as defined, excludes the cost of loading merchandise aboard the exporting carrier and also excludes freight, insurance, and any other charges or transportation and other costs beyond the U.S. port of exportation. The country of destination is defined as the country of ultimate destination or country where the merchandise is to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. When ultimate destination is not known, the shipment is statistically credited to the last country to which the shipper knows the merchandise will be shipped in the same form as exported.

For certain low-valued shipments, the export statistics since July 1953 include estimates based upon selected samples of such shipments with lower and upper value limits of the sampled shipments varying (Canada excepted) from \$100-\$499 for July 1953-September 1969, \$251-\$499 for October 1969-February 1979, and \$501-\$999, for March 1979-June 1981. Effective July 1, 1981, the statistics for countries other than Canada reflect fully compiled data for shipments valued over \$500. For Canada, upper-value limits were raised to \$1,999 in January 1963, and lower-value to \$251 and \$501 in October 1969 and March 1979, respectively. Shipments valued below lower limits (under \$100, under \$251, and under \$501) for the different periods are estimated to represent about one percent of the total value of exports, and the \$501-\$1,999 shipments to Canada about one percent and the \$501-\$999 shipments to other countries about two percent.

Beginning January 1978, the Export Classification Schedule was based upon Schedule E, Standard International Trade Classification, Revision 2. This revision affects the comparability of some export statistics.

**Imports.**—The Bureau of the Census compiles import data from various customs forms required to be filed with customs officials. From 1974-1981, data on import values were presented on three bases: The transaction values f.a.s. (free alongside ship) at the foreign port of export, the c.i.f. (cost, insurance, and freight), and the previously reported customs import value (as appraised by the U.S. Customs Service in accordance with legal requirements of the Tariff Act of 1930, as amended). This latter valuation, primarily used for collection of import duties, frequently did not reflect the actual transaction value. Beginning 1982, import data are based on customs values, i.e., the price paid by the buyer to the seller in accordance with the 1979 Trade Agreement Act amendments to the 1930 Tariff Act. For the c.i.f. imports, the new customs value was substituted for the arms-length transaction value used for 1981 and earlier years. The f.a.s. transaction values were discontinued as of January 1982. Country of origin is defined as country where the merchandise was grown, mined, or manufactured. If country of origin is unknown, country of shipment is reported.

Imports are classified either as "General Imports" or "Imports for Consumption." General imports are a combination of entries for immediate consumption, entries into customs bonded warehouses,

and entries into U.S. Foreign Trade Zones, thus generally reflecting total arrivals of merchandise. Imports for consumption are a combination of entries for immediate consumption, withdrawals from warehouses for consumption, and entries of merchandise into U.S. customs territory from U.S. Foreign Trade Zones, thus generally reflecting the total of the commodities entered into U.S. consumption channels.

Since July 1953, the import statistics include, estimates not classified by commodity, for certain low-valued shipments. For July 1953-July 1965, entries valued under \$100, in general, were estimated, while entries valued under \$251 have been estimated since July 1965. The estimated low-valued shipments generally amount to less than one percent of the import total.

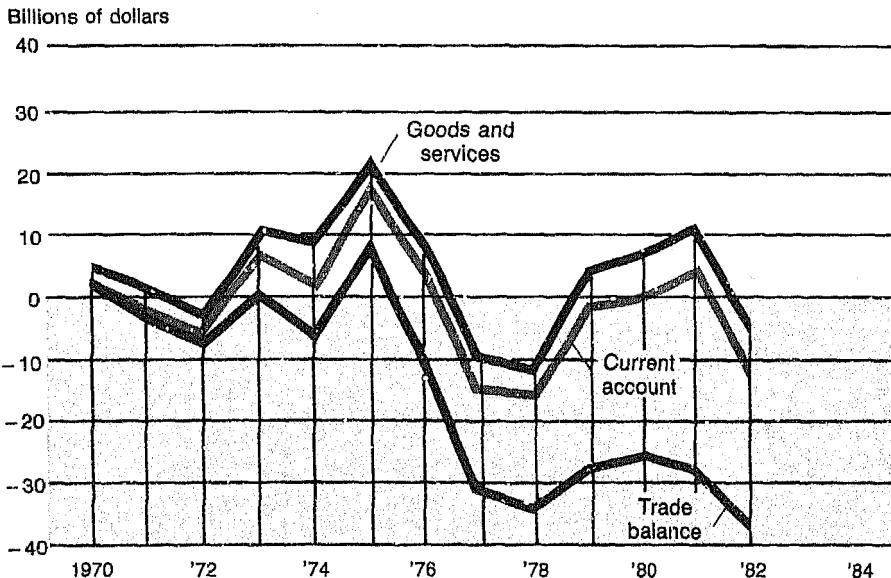
**Area coverage.**—Except as noted, the geographic area covered by the export and import trade statistics is the United States Customs area (includes the 50 States, the District of Columbia and Puerto Rico), the U.S. Virgin Islands (effective January 1981), and U.S. Foreign Trade Zones (effective July 1982). Data for selected tables and total values for 1980, have been revised to reflect the U.S. Virgin Islands' trade with foreign countries, where possible.

**Statistical reliability.**—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 31.3

### U.S. International Transaction Balances: 1970 to 1982



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1452.

NO. 1451. U.S. INTERNATIONAL TRANSACTIONS: 1970 TO 1982

In millions of dollars. Minus sign (-) indicates debits. See also *Historical Statistics, Colonial Times to 1970*, series U 1-25]

TYPE OF TRANSACTION	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>Exports of goods and services<sup>1</sup></b>												
Merchandise, excl. military <sup>2</sup>	65,674	77,495	110,241	146,666	155,729	171,620	184,276	219,984	286,796	342,073	374,621	348,324
Transfers under U.S. military agency sales contracts	42,459	49,381	71,410	55,529	98,306	107,088	114,745	120,816	142,054	184,473	224,237	237,019
Travel and transportation	1,501	1,364	7,095	5,539	3,519	4,049	5,454	7,931	6,516	8,181	9,727	12,097
Miscellaneous services	6,000	6,891	6,892	6,891	10,683	11,517	13,718	14,606	16,922	24,360	27,747	26,709
Income on U.S. assets abroad	3,987	4,891	5,161	2,618	6,581	7,686	8,426	9,325	10,801	11,107	12,652	13,886
Direct investment, and earnings of unincorporated affiliates	11,717	14,764	16,542	21,818	25,587	25,787	26,317	32,179	42,245	64,132	72,445	141,55
Interest, dividends, and earnings of incorporated affiliates	6,159	10,949	16,642	19,157	16,595	18,958	19,673	25,458	38,183	37,146	86,243	84,146
Reinvested earnings of incorporated affiliates	4,982	6,416	8,384	11,379	8,547	11,383	13,277	14,115	19,219	20,129	18,963	17,565
Other private receipts	3,177	4,532	8,138	7,777	8,048	7,656	6,396	11,343	18,951	17,017	13,982	15,523
U.S. Government receipts	2,671	2,949	4,330	5,336	7,644	8,955	10,881	13,654	23,654	32,727	50,113	57,127
Transfers of goods and services under U.S. military grants, net	907	866	936	1,074	1,112	1,332	1,625	1,843	2,295	2,552	3,384	4,131
<b>Imports of goods and services</b>												
Merchandise, excl. military <sup>2</sup>	-39,886	-55,797	-70,489	-103,811	-98,185	-124,228	-151,907	-176,020	-212,058	-249,781	-265,986	-247,506
Direct defense exports	-4,835	-4,784	-4,829	-5,032	-4,755	-4,895	-5,823	-7,352	-8,624	-10,467	-11,982	-11,918
Travel and transportation	-8,038	-10,158	-12,010	-14,017	-14,368	-16,216	-18,873	-20,315	-25,794	-28,345	-28,804	-28,804
Miscellaneous services	-1,777	-2,125	-2,427	-2,575	-3,058	-3,715	-4,053	-4,488	-5,312	-5,680	-6,332	-6,332
Income on foreign assets in U.S.	-5,516	-6,572	-9,635	-12,084	-12,655	-13,564	-14,217	-21,801	-32,914	-42,675	-56,842	-56,842
Direct investment, and earnings of unincorporated affiliates	-875	-1,284	-1,610	-1,331	-2,234	-3,110	-2,834	-4,211	-6,357	-9,470	-7,654	-4,844
Reinvested earnings of incorporated affiliates	-441	-715	-689	-1,066	-1,451	-1,246	-1,628	-2,402	-3,303	-3,694	-5,008	-5,008
Other private payments	-3,424	-5,669	-910	-1,965	-1,159	-1,659	-1,556	-2,533	-3,955	-6,167	-3,761	-164
U.S. Government payments	-3,617	-2,604	-4,269	-6,491	-5,768	-5,681	-5,841	-8,795	-15,481	-20,893	-28,553	-33,759
<b>U.S. military grants of goods and services, net</b>												
Unilateral transfers (excl. military grants), net	-2,713	-4,492	-2,610	-1,818	-2,207	-373	-203	-236	-485	-756	-680	-644
U.S. Government grants, net	-3,284	-3,854	-3,881	-3,718	-4,613	-4,998	-4,617	-5,106	-5,649	-7,056	-6,931	-6,034
U.S. Govt. pensions, private remittances, other transfers	-1,726	-2,173	-1,928	-5,775	-2,684	-3,126	-2,757	-3,176	-3,550	-4,709	-4,549	-5,412
U.S. assets abroad, net (increase/capital outflow (-))	-9,337	-14,497	-22,874	-34,745	-39,703	-51,269	-34,785	-61,130	-64,351	-86,052	-110,801	-118,045
U.S. official reserve assets, net	2,481	-4	-1,467	-1,467	-849	-2,558	-375	-732	-1,133	-8,155	-10,575	-4,865
U.S. Govt. assets, other than official reserve assets, net	-1,569	-1,568	-2,644	-3,474	-5,001	-6,943	-6,445	-7,470	-8,697	-5,140	-5,076	-5,732
U.S. loans and other long-term assets	-3,253	-3,819	-4,438	-5,941	-5,941	-2,475	-2,719	-2,719	-3,926	-7,687	-9,897	-10,117
Rewards on U.S. loans <sup>3</sup>	1,721	2,086	2,986	3,426	2,475	2,596	2,719	2,719	3,926	4,486	4,449	4,334
U.S. foreign currency holdings and U.S. short-term assets, net	-16	165	-602	9	541	-9	133	33	-131	25	269	220

U.S. private assets, net.....	-38,643	-25,380	-44,498	-30,717	-57,202	-59,453	-72,757	-100,348
Direct investments abroad .....	-38,643	-25,380	-44,498	-30,717	-57,202	-59,453	-72,757	-100,348
Equity and intercompany accounts .....	-9,692	-11,919	-4,253	-11,919	-16,056	-6,268	-19,222	-9,692
Reinvested earnings of incorporated affiliates .....	-1,215	-6,156	-4,247	-5,494	-4,713	-1,293	-2,225	8,331
Foreign securities.....	-3,195	-7,777	-6,049	-7,658	-6,356	-1,955	-17,017	-13,483
U.S. claims on unaffiliated foreigners reported by U.S. non-banking concerns.....	-8,158	-6,247	-8,685	-5,460	-3,626	-7,921	-4,726	-5,323
U.S. claims reported by U.S. banks, n.i.e.s .....	-671	-671	-3,221	-1,357	-2,296	-1,540	-3,291	-7,986
U.S. claims reported by U.S. banks, net (increase/capital inflow +)).....	-3,506	-5,980	-19,516	-13,532	-21,368	-11,427	-33,667	-1,181
Foreign assets in the U.S., net (increase/capital inflow +)).....	21,461	16,286	34,247	15,670	35,548	51,319	64,036	54,922
Foreign official assets in the U.S., net .....	10,475	6,025	10,546	7,057	17,653	36,816	31,678	15,566
Other foreign assets in the U.S., net .....	10,986	12,362	23,696	8,655	18,820	14,503	30,358	52,416
Direct investments in U.S. ....	949	2,800	4,760	2,803	4,347	3,722	7,807	75,248
Equity and intercompany accounts .....	1,030	380	1,890	3,695	1,474	2,687	5,913	13,666
Reinvested earnings of incorporated affiliates .....	434	569	910	1,063	1,188	1,659	2,583	7,550
U.S. Treasury securities.....	81	-39	216	697	2,580	2,783	6,395	6,154
U.S. securities other than U.S. Treasury securities.....	2,189	4,041	4,507	378	2,503	1,284	2,437	2,892
U.S. liabilities to unaffiliated foreigners reported by U.S. nonbanking concerns.....	2,014	915	1,035	1,844	319	-578	1,096	1,621
U.S. liabilities reported by U.S. banks, n.i.e. s .....	-6,298	4,754	4,702	16,017	628	10,990	6,778	32,607
Allocations of special drawing rights .....	867	710	-	-	-	-	-	942
Statistical discrepancy (sum of above items with sign reversed).....	-219	-1,879	-2,654	-1,468	5,897	10,544	-2,023	10,743
Balance on merchandise trade.....	2,603	-6,416	911	-5,505	8,903	-9,483	-91,091	42,154
Balance on goods and services.....	5,625	-1,941	11,021	9,147	22,749	9,225	-9,894	1,093
Balance on goods, services, and remittances.....	4,067	-3,622	9,078	7,437	21,031	7,354	-11,724	1,152
Balance on current account.....	2,331	-5,755	7,140	1,362	18,136	4,207	-14,511	4,392

<sup>1</sup> Represents zero. <sup>2</sup> Not available. <sup>3</sup> Excludes transfers of goods under U.S. military grant programs, exports of goods under direct defense expenditures identified in Census import documents, and reflects various other adjustments (for valuation, coverage, and timing) of census statistics to a balance of payments basis. <sup>4</sup> Includes sales of foreign obligations to foreigners.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1983.

## NO. 1452. U.S. INTERNATIONAL TRANSACTIONS—SUMMARY: 1960 TO 1983

{In billions of dollars. Reserve assets are for end of period. Minus sign (—) denotes debit. See headnote, table 1451}

YEAR	Merchandise trade balance <sup>1</sup>	Net investment income	Net military transactions	Net travel and transportation receipts	Other services, net	Balance on goods and services	Unilateral transfers <sup>1</sup>	Balance on current account	Net foreign assets in U.S.	Net U.S. assets abroad	Net U.S. official reserve assets
1960	4.9	3.4	-2.8	-1.0	.6	5.1	-2.3	2.8	2.3	-4.1	19.4
1965	5.0	5.3	-2.1	-1.3	1.4	8.3	-2.9	5.4	7	-5.7	15.5
1966	3.8	5.0	-2.9	-1.3	1.4	6.0	-2.9	3.0	3.7	-7.3	14.9
1967	3.8	5.3	-3.2	-1.8	1.6	5.7	-3.1	2.6	7.4	-9.8	14.8
1968	.6	6.0	-3.1	-1.5	1.6	3.6	-3.0	.6	9.9	-11.0	15.7
1969	.6	6.0	-3.3	-1.8	1.8	3.4	-3.0	.4	12.7	-11.6	17.0
1970	2.6	6.2	-3.4	-2.0	2.2	5.6	-3.3	2.3	6.4	-9.3	14.5
1971	-2.3	7.3	-2.9	-2.3	2.5	2.3	-3.7	-1.4	23.0	-12.5	12.2
1972	-6.4	8.2	-3.4	-3.1	2.8	-1.9	-3.9	-5.8	21.5	-14.5	13.2
1973	-.9	12.2	-2.1	-3.2	3.2	11.0	-3.9	7.1	18.4	-22.9	14.4
1974	-5.5	15.5	-1.7	-3.2	4.0	9.1	-7.2	2.0	34.2	-34.7	15.9
1975	8.9	12.8	-.7	-2.8	4.6	22.7	-4.6	18.1	15.7	-39.7	16.2
1976	-9.5	16.0	-.6	-2.6	4.7	9.2	-5.0	4.2	36.5	-51.3	18.7
1977	-31.1	16.0	1.5	-3.8	5.3	-9.9	-4.6	-14.5	51.3	-34.8	19.3
1978	-34.0	20.8	-.6	-3.6	6.0	-10.3	-5.1	-15.4	64.0	-61.1	18.7
1979	-27.6	31.2	-1.8	-2.9	5.7	4.7	-5.6	-1.0	38.8	-64.3	19.0
1980	-25.5	29.6	-2.3	-1.4	7.2	7.5	-7.1	.4	54.9	-86.1	26.8
1981	-28.1	33.5	-1.4	-6	8.1	11.5	-6.9	4.6	80.7	-110.6	30.1
1982	-36.4	27.3	.2	-2.1	7.8	-3.2	-8.0	-11.2	87.9	-118.0	34.0
1983: 1st qtr...	-8.7	5.2	.7	-7	2.0	-1.5	-1.6	-3.0	17.3	-21.8	34.3

<sup>1</sup> Excludes military grants.Source: U.S. Council of Economic Advisers, *Economic Indicators*, monthly; and *Economic Report of the President*, annual. Data from U.S. Bureau of Economic Analysis and U.S. Dept. of the Treasury.

## NO. 1453. U.S. BALANCES ON INTERNATIONAL TRANSACTIONS, BY AREAS AND SELECTED COUNTRIES: 1980 TO 1982

{In millions of dollars. Balances by area have some shortcomings due to statistical discrepancies including errors, omissions, and incorrect area attributions. Minus sign (—) denotes debits]

AREA OR COUNTRY	1980, BALANCE ON—			1981, BALANCE ON—			1982, BALANCE ON—		
	Merchandise trade <sup>1</sup>	Goods and services	Current account	Merchandise trade <sup>1</sup>	Goods and services	Current account	Merchandise trade <sup>1</sup>	Goods and services	Current account
All areas.....	-25,544	7,477	421	-28,067	11,523	4,592	-36,389	-3,177	-11,211
European Economic Community <sup>2</sup>									
United Kingdom.....	17,369	17,285	17,883	9,942	7,468	7,768	4,556	1,584	1,784
Belgium-Luxembourg	2,970	5,313	5,602	-263	3,456	3,713	-2,352	-1,217	-1,011
France.....	4,761	5,517	5,504	3,362	3,559	3,544	2,766	3,054	3,035
Germany.....	2,277	2,768	2,721	1,592	1,202	1,154	1,662	1,754	1,702
Italy.....	-243	-3,795	-3,167	-887	-4,958	-4,428	-2,688	-7,032	-6,539
Netherlands.....	1,297	1,678	1,484	234	-23	-230	549	672	875
Other Western Europe.....	5,559	4,240	4,228	5,010	2,971	2,958	4,979	4,547	4,531
Eastern Europe.....	2,973	1,885	1,219	2,293	1,512	1,121	2,237	1,300	576
Canada.....	2,699	3,097	2,985	2,886	3,453	3,337	2,682	3,087	3,027
Latin America, other Western Hemisphere.....	-1,277	7,515	7,315	-2,242	7,336	7,137	-9,198	203	-18
Japan <sup>3</sup> .....	1,320	13,551	12,347	3,705	21,208	19,949	-5,397	8,947	7,615
Australia, South Africa <sup>4</sup> .....	-10,411	-8,849	-8,917	-15,802	-13,821	-13,889	-16,991	-15,680	-15,768
Other Asia and Africa .....	584	3,603	3,545	3,388	6,479	6,419	2,623	4,232	4,187
Int'l. and unallocated.....	-37,520	-28,830	-33,886	-32,260	-22,257	-26,598	-16,878	-6,979	-12,058
	-1,287	-1,780	-2,570	23	144	-650	-23	129	-546

<sup>1</sup> Adjusted to balance of payments basis; excludes exports under U.S. military sales contracts and imports under direct defense expenditures.  
<sup>2</sup> Includes Denmark, Greece, Ireland, European Atomic Energy Community, European Coal and Steel Community, and European Investment Bank, not shown separately.  
<sup>3</sup> Includes Ryukyu Islands.  
<sup>4</sup> Includes New Zealand.Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1983.

## NO. 1454. INTERNATIONAL INVESTMENT POSITION, 1950 TO 1982, AND BY SELECTED AREAS, 1982

[In billions of dollars. Estimates for end of year; subject to considerable error due to nature of basic data. Direct investments at book value; other types at market or face values. See *Historical Statistics, Colonial Times to 1970*, series U 26-39, for similar data]

TYPE OF INVESTMENT	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975
U.S. net international investment position.....	36.7	37.2	44.7	81.6	58.6	58.1	49.6	47.6	58.3	74.6
U.S. assets abroad.....	54.4	65.1	85.6	120.4	165.5	179.5	199.5	222.5	255.7	285.1
U.S. official reserve assets.....	24.3	22.8	19.4	15.5	14.5	12.2	13.2	14.4	15.9	16.2
U.S. Government assets, other.....	11.1	13.1	17.0	23.5	32.1	34.2	36.1	38.8	36.4	41.8
U.S. private assets.....	19.0	29.1	49.2	61.4	118.8	133.1	150.3	169.3	201.5	237.1
Foreign assets in U.S. ....	17.6	27.8	40.9	58.8	108.8	123.3	149.9	174.9	197.4	220.5
Foreign official assets.....	(NA)	(NA)	112.4	116.8	26.1	52.5	63.2	69.6	80.3	86.6
Other foreign assets .....	(NA)	(NA)	28.5	42.0	80.7	70.9	86.7	105.3	117.1	133.6
TYPE OF INVESTMENT	1976	1977	1978	1979	1980	1981	Total <sup>a</sup>	Western Europe	Canada	Latin America <sup>b</sup>
U.S. net international investment position.....	83.8	71.3	76.2	94.6	120.6	156.5	168.6	-51.1	68.1	116.3
U.S. assets abroad.....	347.2	379.1	447.9	510.6	605.7	716.9	834.2	256.4	108.5	251.4
U.S. official reserve assets.....	18.7	19.3	18.6	19.0	26.8	30.1	34.0	6.0	(2)	2.1
U.S. Government assets, other.....	46.0	49.6	54.2	58.4	63.5	68.4	73.9	10.5	.5	13.8
U.S. loans and other long-term assets.....	44.1	47.8	52.3	56.5	61.9	67.1	72.8	10.3	.5	13.7
U.S. foreign currency holdings and short-term assets.....	1.9	1.8	1.9	1.9	1.7	1.3	1.2	-2	(2)	(2)
U.S. private assets.....	282.4	310.2	375.0	439.2	516.4	618.4	726.3	240.0	108.0	235.5
Direct investments abroad .....	138.6	146.0	162.7	187.9	215.4	226.4	221.3	99.9	44.5	30.3
Foreign securities .....	44.2	49.4	53.4	56.8	62.5	63.2	75.3	17.6	40.5	1.5
U.S. claims on unaffiliated foreigners <sup>c</sup> .....	20.3	22.3	28.1	31.5	34.7	35.9	27.3	8.1	5.0	9.2
U.S. claims reported by U.S. banks <sup>d</sup> .....	81.1	92.6	130.8	157.0	203.9	293.0	402.3	114.4	17.9	194.5
Foreign assets in the U.S. ....	263.4	307.8	371.6	416.0	486.1	560.4	665.5	307.5	40.4	135.1
Foreign official assets in the U.S. <sup>e</sup> .....	104.2	140.8	172.9	159.7	176.0	180.9	189.2	63.4	2.2	6.4
U.S. Government securities.....	72.6	105.4	128.5	106.8	118.2	125.1	132.5	(1)	(1)	(1)
Other U.S. Government liabilities.....	8.8	10.2	12.7	12.6	13.3	13.3	13.8	2.5	.2	.5
U.S. liabilities reported by U.S. banks <sup>f</sup> .....	17.2	18.0	23.3	30.3	30.4	26.9	24.9	(1)	(1)	(1)
Other foreign assets in the U.S. ....	159.1	167.0	198.7	256.3	310.1	379.5	476.3	244.1	38.1	128.7
Direct investments.....	30.8	34.6	42.5	54.5	68.4	90.4	101.8	69.5	8.8	9.2
U.S. securities <sup>g</sup> .....	64.9	51.2	53.6	58.6	74.1	75.4	93.3	66.4	14.5	5.7
U.S. liabilities to unaffiliated foreigners <sup>h</sup> .....	13.0	13.4	16.0	16.7	30.4	29.9	25.8	10.9	2.5	4.1
U.S. long-term liabilities <sup>i</sup> .....	1.1	1.5	7.7	110.3	121.1	165.3	229.6	(10)	(10)	(10)
U.S. short-term liabilities <sup>j</sup> .....	52.4	58.7	11.9	14.2	16.1	18.6	25.8			
U.S. Treasury securities.....	7.0	7.6	11.8	11.42	11.16	11.2	25.8			

NA Not available. Z Less than \$50 million. <sup>1</sup> Includes holdings of international and regional organizations that were shifted to "other foreign assets" in subsequent periods. <sup>2</sup> Includes other countries, international organizations, unallocated, not shown separately. <sup>3</sup> Includes other Western Hemisphere. <sup>4</sup> Reported by U.S. nonbanking concerns. <sup>5</sup> Not included elsewhere. <sup>6</sup> Includes assets not shown separately. <sup>7</sup> Data included in "Foreign official assets in the U.S." <sup>8</sup> Excludes U.S. Treasury securities. <sup>9</sup> Reported by U.S. banks. <sup>10</sup> Data included in "Other foreign assets in the U.S." <sup>11</sup> Includes U.S. Treasury notes denominated in foreign currencies, sold through foreign central banks to domestic residents in country of issue; these notes are subject to restricted transferability.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, various monthly issues.

## NO. 1455. U.S. RESERVE ASSETS: 1960 TO 1983

[In billions of dollars. As of end of year, except 1983 for June]

TYPE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983
<b>Total</b> .....	19.4	15.5	14.5	15.9	16.2	18.7	19.3	18.7	18.9	26.6	30.1	34.0	33.9
Gold stock <sup>1</sup> .....	17.8	13.8	11.1	11.7	11.6	11.6	11.7	11.7	11.2	11.2	11.2	11.1	11.1
Special drawing rights .....	-	-	9	2.4	2.3	2.4	2.6	1.6	2.7	2.6	4.1	5.3	5.5
Foreign currencies .....	-	.8	6	(2)	1	3	(2)	4.4	3.8	10.1	9.8	10.2	7.9
Reserve position in IMF <sup>2</sup> .....	1.6	.9	1.9	1.9	2.2	4.4	4.9	1.0	1.3	2.9	5.1	7.3	9.4

- Represents zero. Z Less than \$50 million. <sup>1</sup> Includes gold in Exchange Stabilization Fund; excludes gold held under earmark at Federal Reserve banks for foreign and international accounts. Beginning 1974, gold assets were valued at \$42.22 pursuant to the amending of Section 2 of the Par Value Modification Act, PL-93-110, approved September 21, 1973. <sup>2</sup> International Monetary Fund.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and Department of the Treasury, *Treasury Bulletin*, monthly.

**NO. 1456. FOREIGN DIRECT INVESTMENT IN THE U.S.—VALUE, BY AREA AND INDUSTRY:  
1960 TO 1982**

[In millions of dollars. Book value at year end. Prior to 1975, covers U.S. firms, including real estate investments in which foreign interest or ownership was 25 percent or more; thereafter, ownership of 10 percent or more. See also *Historical Statistics, Colonial Times to 1970*, series U 47-74.]

AREA AND INDUSTRY	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, pref.
All areas <sup>1</sup>	6,910	8,797	13,270	27,662	30,770	34,595	42,471	54,462	68,351	90,421	101,844
Petroleum	1,238	1,710	2,992	6,213	5,921	6,573	7,762	9,906	12,363	18,005	20,486
Manufacturing	2,611	3,478	6,140	11,386	12,620	14,030	17,202	20,876	25,158	29,976	32,186
Finance and Insurance	1,810	2,169	2,258	3,152	2,943	4,544	5,231	7,575	10,365	12,574	14,844
Trade, wholesale and retail	634	748	994	4,844	6,123	7,237	9,161	11,562	14,296	17,628	20,830
Canada	1,934	2,388	3,117	5,352	5,907	5,650	6,180	7,154	10,074	9,883	9,823
Petroleum	203	208	190	596	676	710	723	943	1,308	1,387	1,256
Manufacturing	932	1,219	1,836	3,061	3,386	3,077	3,213	3,615	5,199	3,519	3,671
Finance and Insurance	246	370	324	341	422	307	397	505	852	818	967
Europe	4,707	6,076	9,554	18,584	20,162	23,754	28,180	27,403	45,731	60,510	68,514
Petroleum	1,028	1,478	2,777	5,476	4,999	5,523	6,569	8,010	9,766	14,937	17,370
Manufacturing	1,611	2,167	4,091	6,673	7,425	9,267	11,717	13,952	16,064	19,995	23,907
Finance and Insurance	1,504	1,724	1,805	2,088	2,637	3,076	3,575	5,529	7,606	8,841	10,367
United Kingdom	2,248	2,852	4,127	6,331	5,802	6,397	7,638	9,798	12,242	15,576	23,394
Petroleum	339	511	1,220	(D)	602	486	492	189	311	165	4,655
Manufacturing	722	839	1,391	1,833	1,983	2,305	3,014	3,547	5,010	6,109	6,950
Finance and Insurance	953	1,176	1,141	932	1,211	1,425	1,595	2,422	3,222	4,330	5,140
Netherlands	947	1,304	2,151	5,347	6,265	7,830	10,070	12,672	16,909	23,105	21,446
Petroleum	639	887	1,311	(D)	(D)	(D)	(D)	5,041	6,478	8,340	10,689
Manufacturing	213	328	652	1,345	1,500	2,237	3,058	3,492	4,058	5,867	8,014
Switzerland	773	940	1,548	2,138	2,295	2,651	2,879	3,449	3,870	4,314	4,810
Manufacturing	427	590	1,147	1,308	1,357	1,769	1,949	2,281	2,926	2,609	3,048
Finance and Insurance	300	303	351	445	(D)	486	519	598	833	864	922
Other Europe	739	980	1,731	4,768	5,810	6,876	8,585	11,488	12,710	17,515	18,924
Petroleum	50	80	246	494	(D)	(D)	1,028	1,314	1,707	4,375	4,908
Manufacturing	249	410	601	2,187	2,605	2,956	3,695	4,632	4,670	5,820	5,897
Finance and Insurance	209	209	256	445	(D)	592	724	1,379	1,711	1,386	1,417
Japan	118	229	591	1,178	1,755	2,749	3,493	4,225	6,993	8,742	
Other areas	269	{ 214	370	3,135	3,523	3,436	4,362	6,412	8,322	13,035	14,765

D Withheld to avoid disclosure of data of individual companies. <sup>1</sup> Area totals include industries not shown separately. <sup>2</sup> Direct investments (in millions of dollars): Belgium and Luxembourg, 2,424; France, 4,671; Germany, Fed. Rep., 8,181; Italy, 949; and Sweden, 1,481.

Source: U.S. Bureau of Economic Analysis, *Foreign Business Investments in the United States*, 1982; and *Survey of Current Business*, August 1983, and earlier issues.

**NO. 1457. U.S. AFFILIATES OF FOREIGN COMPANIES—ASSETS, SALES, EMPLOYMENT, LAND, EXPORTS,  
AND IMPORTS: 1980**

[A U.S. affiliate is a U.S. business enterprise in which one foreign owner (individual, branch, partnership, association, trust, corporation, or government) has a direct or indirect voting interest of 10 percent or more. Based on a benchmark survey of nonbank affiliates with assets, sales, or net income of \$1 million or more or that own at least 200 acres of U.S. land]

INDUSTRY	Total assets (mil. dol.)	Sales <sup>1</sup> (mil. dol.)	Employ- ment <sup>2</sup> (1,000)	Enploy- ee compen- sation (mil. dol.)	GROSS BOOK VALUE		Land owned (1,000 acres)	Mer- chandise ex- ports <sup>4</sup> (mil. dol.)	Mer- chandise im- ports <sup>4</sup> (mil. dol.)
					Plant and equip- ment <sup>3</sup> (mil. dol.)	Land (mil. dol.)			
Total	292,033	412,705	2,034	40,947	115,274	12,563	9,552	52,198	75,803
Mining	6,813	3,388	25	704	4,629	310	595	810	28
Petroleum	44,060	56,020	101	2,764	37,263	909	584	997	10,588
Manufacturing	81,684	97,990	1,103	22,798	44,706	1,985	3,499	9,045	10,413
Chemicals and allied products	26,086	28,152	283	6,010	17,723	605	308	2,129	1,744
Wholesale trade	50,088	197,573	217	4,606	6,836	579	365	40,662	54,016
Motor vehicles and auto parts	10,308	33,545	43	986	1,849	130	8	2,532	18,068
Automobile supplies	7,196	36,670	25	519	1,037	128	(D)	19,196	4,753
Farm-product raw materials	9,685	23,577	304	3,751	4,908	293	8	501	611
Retail trade	32,291	4,755	25	844	539	46	3	(D)	10
Finance except banking	36,240	14,511	62	1,155	992	183	14	—	(Z)
Insurance	19,872	3,933	20	371	10,195	6,607	1,885	(Z)	(Z)
Real estate	11,320	10,959	177	3,055	5,405	1,651	2,599	(D)	137

<sup>1</sup> Represents zero. D Withheld to avoid disclosure of data of individual companies. Z Less than \$500,000.

<sup>2</sup> Excluded returns, discounts, allowances, and sales and excise taxes. <sup>3</sup> Average number of full-time and part-time employees. <sup>4</sup> Includes other property, value of mineral rights owned and capitalized value of mineral rights leased.

\* F.A.S. value at port of exportation.

Source: U.S. Bureau of Economic Analysis, *Foreign Direct Investment in the United States*, 1980.

**NO. 1458. U.S. BUSINESSES ACQUIRED OR ESTABLISHED BY FOREIGN DIRECT INVESTORS, BY INDUSTRY OF U.S. BUSINESS ENTERPRISE: 1981 AND 1982**

[Foreign direct investment is the ownership or control, directly or indirectly, by one foreign individual branch, partnership, association, trust, corporation, or government of 10 percent or more of the voting securities of a U.S. business enterprise or an equivalent interest in an unincorporated one. Data represent number and full cost of acquisitions of existing U.S. business enterprises, including business segments or operating units of existing U.S. business enterprises and establishments of new enterprises. Investments may be made by the foreign direct investor itself, or indirectly by an existing U.S. affiliate of the foreign direct investor. Covers investments in U.S. business enterprises with assets of over \$1 million, or ownership of 200 acres of U.S. land. Excludes construction and services industries]

INDUSTRY	1981						1982, pres.					
	Investments			Investors			Investments			Investors		
	Total	Acquisition	Establishments	Total	For- eign direct inves- tors	U.S. affiliates	Total	Acqui- sition	Estab- lishments	Total	For- eign direct inves- tors	U.S. affiliates
<b>NUMBER OF INVESTMENTS 1</b>												
Total.....	1,332	462	870	1,521	979	542	788	271	517	855	515	340
Agriculture and forestry ..	134	22	112	142	107	35	88	6	82	90	63	27
Mining .....	17	13	4	18	4	14	8	2	10	4	4	6
Petroleum .....	78	37	41	86	46	40	39	21	18	45	15	30
Manufacturing.....	215	178	37	237	105	132	122	106	16	133	51	82
Wholesale trade .....	40	26	14	49	22	27	39	24	15	41	27	14
Retail trade .....	21	17	4	21	12	9	23	18	5	23	10	13
Banking .....	31	12	19	36	29	7	21	11	10	27	22	5
Finance, except banking .....	21	7	14	22	10	12	29	8	21	33	25	8
Insurance .....	9	6	3	10	5	5	12	9	3	12	5	7
Real estate .....	680	92	588	806	594	212	347	20	327	375	281	114
Other .....	86	52	34	94	45	49	60	42	18	66	32	34
<b>INVESTMENT OUTLAYS (mil. dol.)</b>												
Total.....	23,219	18,151	5,067	23,219	6,156	17,060	8,580	5,583	2,996	8,580	2,985	5,595
Agriculture and forestry ..	404	141	283	404	178	226	184	35	159	194	127	67
Mining .....	1,861	(D)	1,861	(D)	(D)	(D)	304	(D)	304	(D)	(D)	(D)
Petroleum .....	1,822	1,668	164	1,822	383	1,439	602	529	73	602	69	533
Manufacturing.....	8,074	7,808	266	8,074	991	7,083	1,926	1,730	196	1,926	445	1,481
Wholesale trade .....	438	308	130	438	146	292	347	291	55	347	148	199
Retail trade .....	421	416	5	421	341	80	672	659	13	672	88	584
Banking .....	1,053	933	120	1,053	769	284	331	303	29	331	(D)	(D)
Financing, exc. banking..	766	(D)	(D)	766	107	660	424	306	117	424	284	140
Insurance .....	348	(D)	(D)	348	(D)	(D)	699	(D)	699	(D)	(D)	(D)
Real estate .....	3,737	734	3,003	3,737	1,988	1,768	2,325	131	2,194	2,325	956	1,387
Other .....	4,294	4,020	274	4,294	488	3,805	758	(D)	758	185	572	

D Withheld to avoid disclosure of individual companies.

<sup>1</sup> Excludes 1,072 investments in 1982 that do not meet asset or acreage criteria in headnote.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1983.

**NO. 1459. U.S. BUSINESSES ACQUIRED BY FOREIGN DIRECT INVESTORS—ASSETS, SALES, AND EMPLOYMENT, BY INDUSTRY OF U.S. BUSINESS ENTERPRISE: 1981 AND 1982**

[See headnote, table 1458. Minus sign (—) indicates loss]

INDUSTRY	1981					1982, pres.				
	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)	Total assets (mil. dol.)	Sales (mil. dol.)	Net income (mil. dol.)	Employment (1,000)	Acres of land owned (1,000)
Total.....	76,254	53,926	3,256	429	4,181	22,142	15,934	356	206	755
Agriculture and forestry.....	157	73	-2	1	103	(D)	(D)	-3	(D)	4
Mining .....	(D)	1,150	(D)	11	(D)	(D)	934	59	8	(D)
Petroleum .....	2,643	4,606	5	3	(D)	1,165	1,044	64	3	(D)
Manufacturing.....	29,313	35,529	2,505	302	2,738	3,991	5,989	-24	73	(D)
Wholesale trade .....	480	1,121	113	6	1	826	1,127	4	9	1
Retail trade .....	1,689	2,746	125	50	1	1,562	2,761	38	59	1
Banking .....	21,372	2,240	115	18	(Z)	5,169	566	11	6	(D)
Finance, except banking.....	14,106	4,419	(D)	3	(Z)	(D)	852	38	(D)	(D)
Insurance .....	(D)	159	14	1	(D)	1,927	700	(D)	3	(D)
Real estate .....	1,398	223	17	4	22	301	50	1	(Z)	(D)
Other .....	1,991	1,759	137	30	(D)	2,173	(D)	(D)	36	(D)

- Represents zero. D Withheld to avoid disclosure of individual companies. Z Fewer than 500.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1983.

## Foreign Commerce and Aid

NO. 1460. U.S. DIRECT INVESTMENT POSITION ABROAD AND INCOME, BY COUNTRY, 1970 TO 1982, AND BY SELECTED INDUSTRIES, 1982

In millions of dollars. Direct investments represent private enterprises in one country controlled by investors in another country or in the management of which foreign investors have an important role. Data for 1970 and 1975 are based on the 1973 benchmark survey; data for 1978 through 1982 are based on the 1977 benchmark survey. Because of differences in definition, data based on different benchmarks are not entirely comparable. Negative position occurs when U.S. parent company's liabilities to the foreign affiliate are greater than its investment in the foreign affiliate. See also *Historical Statistics, Colonial Times to 1972*, series U-41-46.

COUNTRY		DIRECT INVESTMENT POSITION (at yearend)										INCOME <sup>3</sup>							
		1982, prev.					1982, rel.					1982, rel.							
		1970	1975	1979	1980	1981	Total <sup>1</sup>	1970	1975	1979	1980	1981	Total <sup>1</sup>	Manufacturing	Petroleum	Finance, insurance <sup>2</sup>			
All areas.....	75,480	124,050	187,858	215,375	226,559	221,342	90,655	55,697	19,526	8,169	16,595	39,783	37,146	32,446	22,888	5,209	10,333	1,544	
Developed countries.....	51,819	90,658	139,477	158,214	165,396	165,076	71,428	35,845	19,018	4,577	9,509	24,918	24,638	18,860	13,510	4,334	5,011	1,264	
Canada.....	31,018	40,662	45,119	45,121	45,509	19,703	6,632	6,632	10,521	1,516	3,412	5,517	5,853	4,250	1,087	918	1,123	566	
Europe.....	25,255	49,305	83,056	96,287	101,514	98,907	44,115	16,656	22,988	1,982	17,086	15,991	11,766	9,153	2,359	3,369	604	604	
Euro. Economic Community (EEC) <sup>4</sup> .....	20,104	38,773	63,075	77,152	80,605	78,444	40,229	19,045	6,886	1,919	12,020	14,041	12,816	8,907	6,722	2,940	2,356	274	
Denmark and Luxembourg.....	1,546	3,306	6,303	6,911	6,911	5,827	3,244	670	2,233	1,585	270	980	637	227	186	16	-105	144	
Denmark and Iceland.....	577	1,235	2,958	3,605	3,605	3,595	4,732	4,220	2,893	451	170	567	503	666	692	644	-34	27	
France.....	2,643	5,743	8,655	9,347	9,347	7,799	4,798	1,069	2,229	237	657	972	1,253	148	83	113	1,103	166	
Germany.....	3,613	8,729	13,899	15,415	15,415	15,945	15,945	15,945	10,099	3,205	723	588	556	2,898	1,864	849	1,103	145	
Italy.....	1,484	2,575	4,354	5,275	5,275	5,337	6,999	3,037	7,734	68	90	925	1,298	3,015	469	507	-139	14	
Netherlands.....	1,506	3,097	6,839	8,163	8,163	6,891	8,163	8,163	3,324	822	811	180	540	1,934	1,833	2,128	1,201	984	
United Kingdom.....	8,016	13,927	23,698	28,460	28,460	30,260	30,785	12,924	9,249	626	936	5,755	5,406	5,379	3,124	563	1,681	83	
Other Western Europe <sup>5</sup> .....	5,151	10,532	16,981	19,135	19,135	19,135	21,533	3,827	3,923	3,963	1,669	3,045	3,174	2,859	2,431	22	1,011	330	
Switzerland.....	2,631	5,152	6,962	11,220	12,509	12,509	13,273	1,112	292	3,955	333	653	1,986	1,895	1,451	108	271	271	
Australia, New Zealand, South Africa.....	4,067	7,013	9,579	10,553	11,958	6,225	6,755	6,755	11,817	4,116	2,513	1,996	430	875	1,833	929	657	657	
Developing countries <sup>6</sup> .....	19,192	26,288	44,680	53,206	56,182	53,157	19,237	16,040	515	2,941	5,883	13,004	11,894	12,625	8,624	875	4,538	278	
Latin America, Panama, other Central America.....	11,104	16,394	22,732	26,555	30,020	31,175	18,020	11,705	12,604	3,874	3,515	1,206	2,655	3,969	3,689	875	237	629	
Argentina.....	3,644	5,811	8,250	10,193	11,805	11,805	14,903	11,067	11,067	2,111	2,624	926	1,351	1,787	1,931	-788	-976	318	
Brazil.....	1,022	1,154	2,540	2,756	2,756	2,756	2,756	2,756	2,756	1,067	1,067	109	103	520	695	393	219	306	
Chile.....	1,526	4,579	7,298	8,247	9,031	9,031	9,598	4,449	1,102	208	657	247	499	499	499	871	662	-50	
Colombia.....	758	1,744	3,012	4,102	4,102	4,102	4,102	1,655	651	79	43	53	32	58	58	-20	-22	4	
Peru.....	584	1,221	1,554	1,615	1,615	1,615	1,926	2,262	1,262	1,256	4	74	58	405	405	229	119	9	
Venezuela.....	2,241	5,773	12,429	13,908	13,908	13,908	13,908	1,271	1,271	1,278	3,95	344	142	108	297	354	213	121	
Other Western Hemisphere.....	1,358	2,142	3,003	3,778	3,778	3,778	5,068	5,068	5,068	5,068	4,773	215	1,047	3,555	3,250	2,527	1,958	20	
Other Africa <sup>6</sup> .....	2,427	2,144	2,144	2,144	2,144	2,144	2,144	4,228	4,228	4,228	4,228	4,228	4,228	4,228	1,405	1,405	67	325	
Middle East.....	1,555	-4,040	-999	2,163	2,163	2,163	1,592	2,703	2,703	1,104	1,104	711	1,043	2,120	1,276	45	-33	-33	
Other Asia and Pacific.....	5,777	5,767	5,767	5,767	5,767	5,767	5,767	7,427	7,427	7,427	7,427	7,427	7,427	7,427	1,367	1,367	47	593	
International.....	4,469	7,057	3,700	3,345	4,780	5,707	-	-	-	-	650	404	266	614	961	743	-	685	3

<sup>1</sup> Includes industries not shown separately.  
<sup>2</sup> Excludes affiliates that are banks.  
<sup>3</sup> Equals sum of interest, dividends, earnings of unincorporated affiliates, and reinvested earnings.

<sup>4</sup> Includes Mediterranean possessions and Eastern Europe.  
<sup>5</sup> As of Jan. 1, 1973. United Kingdom, Denmark, and Ireland became members of the EEC. For consistency, data for all years are shown on same basis. Beginning 1981, includes Greece which was previously reported under "Other Western Europe."  
<sup>6</sup> Shipping companies operating under contracts of convenience, primarily Panama, Liberia, and Lيبانون, Neutral Zone, in International," includes countries not shown below, as indicated Egypt and other in Africa except South Africa.

Source: U.S. Department of Commerce, Bureau of Economic Analysis, *Survey of Current Business*, August 1983, and supplement titled *Revised Data Series on U.S. Direct Investment Abroad, 1965-82*.

<sup>1</sup> Includes industries not shown separately.  
<sup>2</sup> Excludes affiliates that are banks.  
<sup>3</sup> As of Jan. 1, 1973. United Kingdom, Denmark, and Ireland became members of the EEC. For consistency, data for all years are shown on same basis. Beginning 1981, includes Greece which was previously reported under "Other Western Europe."  
<sup>4</sup> Includes countries not shown below, as indicated Egypt and other in Africa except South Africa.

<sup>5</sup> Includes Mediterranean possessions and Eastern Europe.  
<sup>6</sup> As of Jan. 1, 1973. United Kingdom, Denmark, and Ireland became members of the EEC. For consistency, data for all years are shown on same basis. Beginning 1981, includes Greece which was previously reported under "Other Western Europe."  
<sup>7</sup> Includes countries not shown below, as indicated Egypt and other in Africa except South Africa.

## NO. 1461. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1982

[In millions of dollars. "P.L." means Public Law. For explanation of minus sign (-), see headnote, table 1462. See also text, pp. 815 and 816, and *Historical Statistics, Colonial Times to 1970*, series U 75-101.]

PROGRAM	Post WW II peri- od, total	1945- 1955, total	1956- 1965, total	1966- 1975, total	1976- 1978, total	1979	1980	1981	1982, prel.
<b>Total, net.....</b>	<b>235,468</b>	<b>55,134</b>	<b>47,317</b>	<b>68,851</b>	<b>22,679</b>	<b>7,901</b>	<b>10,988</b>	<b>10,617</b>	<b>11,981</b>
Investments in financial institutions <sup>2</sup> .....	10,344	635	655	2,719	2,838	551	796	1,142	1,007
Under assistance programs, net.....	225,124	54,499	46,662	66,132	19,840	7,350	10,192	9,475	10,974
Net new military grants.....	72,683	16,451	19,159	28,720	2,922	1,070	1,652	1,153	1,541
Gross new grants.....	73,206	16,679	19,400	28,765	2,931	1,073	1,656	1,157	1,544
Foreign Assistance Act <sup>3</sup> .....	71,553	15,062	19,384	28,765	2,931	1,073	1,656	1,157	1,544
Military supplies and services.....	42,623	13,917	18,255	8,287	820	323	275	269	464
Military assistance, service funded <sup>4</sup> .....	18,169	-	8	18,161	-	-	-	-	-
Financing of military purchases <sup>5</sup> .....	5,785	-	-	1,584	1,878	500	750	317	755
Relocation of facilities in Israel.....	800	-	-	-	-	125	351	325	-
Other.....	4,176	1,145	1,100	734	232	126	280	256	305
Other.....	1,653	1,617	36	-	-	-	-	-	-
Less: Reverse grants and returns.....	543	234	241	45	9	3	4	4	3
Net new economic and technical aid grants <sup>6</sup> .....	91,394	28,871	17,675	21,748	7,236	3,050	3,971	4,198	4,646
Developed countries <sup>7</sup> .....	21,047	20,294	780	180	21	19	8	24	82
Developing countries <sup>7</sup> .....	70,347	8,578	16,898	21,928	7,215	3,031	3,963	4,173	4,563
Gross new grants.....	93,326	30,225	17,993	22,003	7,242	3,050	3,971	4,198	4,646
Foreign Assistance Act <sup>8</sup> .....	58,034	17,711	12,189	12,191	5,045	1,994	2,585	2,814	3,507
Farm products disposals:									
Foreign currencies, P.L. 83-480 <sup>8</sup> .....	6,428	-	2,048	4,234	71	20	16	29	10
Famine and other urgent relief.....	8,986	530	2,704	8,562	997	426	500	561	407
Payment of transportation.....	2,571	-	494	946	327	168	206	237	192
Food for development loan forgiveness.....	185	-	-	-	-	31	79	27	47
Supplies to military or trusteeship administration areas.....	7,334	5,872	132	536	275	125	107	132	156
Peace Corps.....	1,777	-	232	912	237	95	98	102	102
Other.....	8,011	6,113	184	321	290	192	381	295	227
Less: Reverse grants and returns.....	1,832	1,363	318	255	6	-	-	-	-
Net new credits <sup>9</sup> .....	59,326	8,642	7,025	16,954	9,827	3,299	4,638	4,139	4,802
Developed countries <sup>7</sup> .....	3,601	6,646	-3,207	313	116	-217	78	271	-399
Developing countries <sup>7</sup> .....	55,725	1,996	10,232	16,841	9,712	3,516	4,559	3,868	5,201
New credits.....	115,443	12,039	15,429	37,422	17,986	7,071	8,730	8,121	8,643
Export-Import Bank Act.....	40,345	4,271	5,257	15,505	4,723	1,876	3,378	3,059	2,276
Foreign Assistance Act <sup>3</sup> .....	44,403	1,919	6,195	12,053	8,321	3,288	4,216	3,879	4,550
Country program loans.....	24,189	1,765	5,722	8,362	3,273	1,513	1,295	1,136	1,124
Financing of military purchases.....	18,856	9	247	3,089	4,858	1,700	2,903	2,735	3,415
Social Progress Trust Fund.....	869	-	226	487	97	47	12	1	-1
Other.....	389	145	2	116	93	9	7	7	11
P.L. 83-480 <sup>8</sup> .....	16,428	48	3,839	7,161	2,197	799	809	808	768
Loans of foreign currency:									
To foreign governments.....	5,185	48	3,285	1,843	6	2	1	(z)	1
To private enterprises.....	428	-	202	217	5	-	-	1	4
Long-term credit sales.....	10,814	-	352	5,101	2,186	786	808	807	783
P.L. 80-606 <sup>10</sup> .....	7,003	-	-	2,433	2,737	1,120	309	366	38
Other.....	7,265	5,801	137	271	9	9	19	9	1,010
Less: Principal collections.....	56,117	3,397	8,404	20,469	8,159	3,772	4,083	3,982	3,841
Export-Import Bank Act.....	24,528	1,803	4,458	9,282	3,242	1,299	1,368	1,463	1,613
Foreign Assistance Act <sup>3</sup> .....	12,326	38	1,263	3,557	2,463	1,114	1,209	1,313	1,369
Country program loans.....	6,312	1	944	2,481	1,224	409	362	440	451
Financing of military purchases.....	5,259	2	222	652	1,087	612	783	827	874
Social Progress Trust Fund.....	481	-	9	198	101	66	48	31	28
Other.....	273	35	88	25	51	27	15	15	17
P.L. 83-480 <sup>8</sup> .....	5,843	-	180	3,753	690	295	316	287	321
Loans of foreign currency:									
To foreign governments.....	2,890	-	111	2,354	217	53	48	52	54
To private enterprises.....	303	-	43	175	51	12	9	7	5
Long-term credit sales.....	2,650	-	27	1,223	422	231	258	228	261
Lend-lease, surplus property, and grant settlements.....	4,443	677	2,001	1,439	197	46	47	17	20
P.L. 80-606 <sup>10</sup> .....	6,180	-	-	1,763	1,375	924	1,051	798	268
Other.....	2,797	880	501	677	190	94	102	103	250

See footnotes at end of table.

## No. 1461. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS: 1945 TO 1982—Con.

[In millions of dollars. See headnote, p. 825]

PROGRAM	Post WW II peri- od, <sup>1</sup> total	1945- 1955, total	1956- 1965, total	1966- 1975, total	1976- 1978, total	1979	1980	1981	1982, prev.
Other assistance (net accumulation of foreign currency claims) <sup>11</sup>	1,741	541	2,802	-1,290	-145	-69	-69	-15	-15
Developed countries <sup>1</sup>	251	190	330	-203	-79	-24	-18	46	10
Developing countries <sup>1</sup>	1,485	351	2,472	-1,086	-66	-45	-51	-60	-25
Currency claims acquired	20,139	813	11,498	6,888	428	127	101	176	108
Sales of farm products	15,080	813	11,170	3,013	1	(2)	(2)	69	14
Second-stage operations <sup>12</sup>	5,060	-	329	3,875	427	127	101	108	94
Less: Currencies disbursed	18,399	272	8,696	8,178	573	196	170	191	123
Economic grants and credits to purchasing country	13,431	182	6,863	6,238	75	22	13	25	14
Other uses	4,968	90	1,833	1,940	498	175	157	166	108

<sup>1</sup> Represents zero. <sup>2</sup> Less than \$500,000. <sup>3</sup> July 1, 1945, through Dec. 31, 1982. All lend-lease and conversions of prior grants to credits are from V-J Day (Sept. 2, 1945). <sup>4</sup> For details, see table 1462. <sup>5</sup> Foreign Assistance Act of 1961 (P.L. 87-195), as amended. Also includes predecessor and related programs. <sup>6</sup> Includes military assistance under Dept. of Defense Appropriation Act, 1966 (P.L. 89-394) and later acts. <sup>7</sup> Includes funds made available under Public Law 93-199 and subsequent legislation to release Israel from its contractual liability to pay for defense articles and services purchased under other legislation. <sup>8</sup> Net new grants are not adjusted for settlements for postwar relief and other grants under agreements, and net new credits exclude prior grants converted into credits, which were as follows: July 1945-December 1955, \$2,188 million; 1956-65, \$491 million; 1972, \$994 million. Repayments on those settlements are included in net new credits. <sup>9</sup> Developed countries include Australia, Canada, Japan, New Zealand, South Africa, all countries listed under "Western Europe" in table 1462, except Portugal, Spain (through 1981), Yugoslavia, and Malta, and all countries listed under "Eastern Europe" in table 1462. Developing countries include all other countries listed in table 1462 (including Spain through 1981). <sup>10</sup> Agricultural Trade Development and Assistance Act. <sup>11</sup> Outstanding credits on Dec. 31, 1982, totaled \$61,877 million representing net credits extended since organization of Export-Import Bank, Feb. 12, 1934, less charge-offs and net adjustments due to exchange rates (\$1,845 million), and excluding World War I debts. The amount repayable in dollars at U.S. Government option was \$69,907 million; the remainder was repayable in foreign currencies, commodities, or services, at the option of the borrowers. <sup>12</sup> Commodity Credit Corporation Charter Act. <sup>13</sup> Equivalent value of currencies still available to be used, including some funds advanced from foreign governments and after loss by exchange rate fluctuations (\$1,513 million), was \$254 million on Dec. 31, 1982. <sup>14</sup> Includes foreign currencies acquired from triangular trade operations and principal and interest collections on credits, originally extended under P.L. 63-460, which—since enactment of P.L. 87-128—are available for the same purposes as P.L. 63-460 currencies.

Sources: U.S. Bureau of Economic Analysis, press releases and unpublished data.

## No. 1462. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY TYPE AND COUNTRY: 1945 TO 1982

[In millions of dollars. See text, pp. 815 and 816. Negative figures (—) occur when the total of grant returns, principal repayments, and/or foreign currencies disbursed by the U.S. Government exceeds new grants and new credits utilized and/or acquisitions of foreign currencies through new sales of farm products. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186.]

TYPE AND COUNTRY	Post WW II peri- od, <sup>1</sup> total	1945- 1955, total	1956- 1965, total	1966- 1975, total	1976- 1978, total	1979	1980	1981	1982, prev.
Total, net	235,468	55,134	47,317	68,851	22,679	7,901	10,888	10,617	11,981
Investment in financial institutions	10,344	635	655	2,719	2,838	551	796	1,142	1,007
African Development Fund	25	-	-	-	25	-	-	-	-
Asian Development Bank	441	-	-	110	141	29	53	49	59
Inter-American Development Bank	3,482	-	300	1,321	908	239	233	294	189
Intl. Bank for Reconstr. and Development	900	635	-	13	38	18	16	132	48
International Development Association	5,360	-	320	1,275	1,691	241	471	655	697
International Finance Corporation	147	-	35	-	38	26	22	11	14
Under assistance programs	225,124	54,499	46,662	66,132	19,840	7,350	10,192	9,475	10,974
Military grants <sup>2</sup>	72,663	16,445	19,159	28,720	2,922	1,070	1,652	1,153	1,541
Western Europe (excl. Greece and Turkey)	18,135	9,580	6,554	892	283	140	179	220	268
Near East (incl. Greece, Turkey, Egypt)	15,581	2,061	3,873	4,007	2,053	787	1,241	734	825
Africa (excl. Egypt)	520	7	166	225	33	6	3	7	73
Far East and Pacific	36,455	4,403	7,618	23,165	499	121	225	152	262
Western Hemisphere	1,500	236	712	384	44	9	3	23	88
Unspecified areas	471	159	237	47	11	6	(2)	7	4
Other grants, credits, and other assistance (through net accumulation of foreign currency claims)	152,461	38,054	27,503	37,412	16,918	6,279	8,540	8,322	8,433
Developed countries <sup>3</sup>	24,900	27,129	-2,087	-71	57	-223	69	341	-306
Developing countries <sup>3</sup>	127,551	10,925	29,600	37,482	16,861	6,502	8,471	7,981	9,739

See footnotes at end of table.

No. 1462. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY COUNTRY: 1945 TO 1982—  
Continued[In millions of dollars. See headnote, p. 826. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II peri- od, total	1945- 1955, total	1956- 1965, total	1966- 1975, total	1976- 1978, total	1979	1980	1981	1982, prel.
<b>Western Europe</b>	<b>24,164</b>	<b>24,770</b>	<b>-951</b>	<b>140</b>	<b>466</b>	<b>-118</b>	<b>395</b>	<b>-69</b>	<b>-468</b>
Austria.....	1,108	1,019	87	-19	-7	-5	14	12	8
Belgium and Luxembourg.....	674	726	-70	16	-17	7	52	-11	-15
Denmark.....	301	284	-19	38	-13	-3	15	3	-4
France .....	3,985	5,477	-1,238	92	-113	-48	-31	35	-4
Germany, Federal Republic of .....	2,844	3,907	-852	-111	-51	-14	-14	-12	-8
Ireland.....	96	146	-16	-51	-29	-5	(2)	44	8
Italy.....	3,238	2,795	120	80	-20	-17	184	123	-28
Malta.....	84	1	3	47	34	-	-	-	-
Netherlands.....	806	1,051	-224	115	-21	-29	-27	-33	-26
Norway.....	293	309	-71	265	-53	-44	-52	-36	-26
Portugal.....	726	67	93	14	756	94	-99	-117	-80
Spain.....	1,835	195	685	417	207	134	159	48	-10
Sweden.....	117	108	-20	17	16	-3	5	-1	-4
United Kingdom.....	5,253	6,923	-532	-546	-313	-123	178	-125	-208
Yugoslavia.....	2,105	860	1,042	84	141	-25	22	12	-31
Other <sup>4</sup> and unspecified.....	696	901	61	-133	-51	-23	-10	-10	-39
<b>Eastern Europe</b>	<b>2,749</b>	<b>1,097</b>	<b>501</b>	<b>226</b>	<b>804</b>	<b>206</b>	<b>-285</b>	<b>174</b>	<b>26</b>
Czechoslovakia.....	190	191	-	-	-	-	-	-	(2)
Poland.....	1,706	425	555	-75	621	129	-243	236	57
Romania.....	125	-	-	92	46	76	-23	-49	-16
Soviet Union .....	665	425	-59	214	133	-7	-14	-17	-11
Other.....	63	56	5	-5	5	8	-4	3	-4
<b>Near East and South Asia</b>	<b>53,399</b>	<b>3,163</b>	<b>12,338</b>	<b>12,530</b>	<b>7,738</b>	<b>3,276</b>	<b>4,618</b>	<b>4,477</b>	<b>5,258</b>
Afghanistan.....	520	31	224	183	45	38	4	-5	-1
Bangladesh.....	1,711	-	-	701	343	161	175	129	202
Cyprus.....	159	-	19	20	92	14	17	-1	-2
Egypt.....	8,482	41	1,009	271	1,269	890	1,470	1,400	2,193
Greece.....	2,160	1,324	330	221	455	24	-52	-66	-75
India.....	9,824	399	4,796	3,791	248	94	168	242	86
Iran.....	853	211	477	706	-384	-158	(2)	(2)	(2)
Israel.....	14,220	390	483	2,176	4,222	1,563	1,855	1,797	1,730
Jordan.....	1,888	26	455	455	311	85	160	247	150
Lebanon.....	276	15	70	83	52	10	18	32	-5
Nepal.....	292	3	86	103	34	8	17	20	21
Pakistan.....	5,353	178	2,416	2,044	381	18	87	94	155
Sri Lanka (Ceylon).....	514	(2)	89	149	100	39	55	33	49
Syria.....	309	1	57	15	90	80	23	17	27
Turkey.....	5,052	385	1,418	1,026	315	337	538	376	657
Yemen Arab Republic.....	164	-	40	24	22	9	16	25	29
UNRWA <sup>5</sup> .....	1,085	191	274	296	145	50	54	65	69
Other and unspecified.....	536	28	97	264	-2	14	29	73	34
<b>Africa</b>	<b>11,519</b>	<b>143</b>	<b>2,096</b>	<b>3,358</b>	<b>1,707</b>	<b>750</b>	<b>1,109</b>	<b>1,253</b>	<b>1,104</b>
Algeria.....	1,065	1	135	263	221	150	125	172	(2)
Angola.....	95	-	-	6	1	1	8	46	35
Benin.....	82	-	7	12	19	4	2	4	3
Botswana.....	129	-	(2)	35	26	11	16	21	19
Burundi.....	41	-	4	5	7	3	5	9	8
Cameroon.....	188	-	16	50	17	14	25	52	14
Cape Verde.....	47	-	-	1	15	4	6	9	12
Chad.....	81	(2)	5	20	30	12	6	2	6
Ethiopia.....	390	9	109	176	59	13	20	4	(2)
Ghana.....	370	(2)	64	203	43	20	16	19	5
Guinea.....	182	-	58	67	27	4	7	17	-5
Ivory Coast.....	117	-	14	57	13	1	27	9	-5
Kenya.....	414	(2)	34	76	97	27	50	87	42
Lesotho.....	136	-	(2)	27	19	11	20	33	26
Liberia.....	446	25	135	80	24	9	30	75	66
Libya.....	206	25	183	2	-	-	-	-	-
Madagascar.....	52	(2)	7	13	4	2	(2)	11	14
Malawi.....	66	-	5	30	14	4	4	5	3
Mali.....	166	-	10	57	27	15	25	18	15
Mauritania.....	97	-	1	20	17	6	17	22	13
Morocco.....	1,220	7	443	382	189	36	40	51	61
Mozambique.....	96	-	-	1	30	24	17	21	4
Niger.....	156	-	5	64	27	17	10	12	22
Nigeria.....	356	(2)	87	283	-10	-3	-3	7	-5
Rwanda.....	59	-	2	13	10	5	7	12	11
Senegal.....	247	-	15	48	45	32	38	37	33
Sierra Leone.....	112	(2)	22	36	25	5	9	6	7

See footnotes at end of table.

## NO. 1462. U.S. GOVERNMENT FOREIGN GRANTS AND CREDITS, BY TYPE AND COUNTRY: 1945 TO 1982—Continued

[In millions of dollars. See headnote, p. 826. See also *Historical Statistics, Colonial Times to 1970*, series U 75-186]

TYPE AND COUNTRY	Post WW II peri- od, total	1945- 1955, total	1956- 1965, total	1966- 1975, total	1976- 1978, total	1979	1980	1981	1982, perf.
<b>Africa—Continued</b>									
Somalia.....	325	(z)	42	47	19	22	70	70	54
Sudan.....	593	-	86	52	16	25	73	105	236
Swaziland.....	40	-	(2)	8	4	3	11	7	7
Tanzania.....	354	2	34	123	83	24	30	31	27
Togo.....	62	-	9	18	9	5	6	7	7
Tunisia.....	1,015	2	382	344	77	10	50	25	116
Uganda.....	72	-	12	33	(z)	(z)	15	10	2
Upper Volta.....	213	-	5	40	44	24	31	41	27
Zaire.....	1,181	(z)	248	321	215	100	148	65	85
Zambia.....	237	-	1	35	74	40	42	29	15
Zimbabwe.....	81	-	(2)	(2)	-	-	26	28	27
Other and unspecified.....	761	71	95	315	160	69	77	75	89
<b>Far East and Pacific</b>	<b>31,584</b>	<b>6,754</b>	<b>7,785</b>	<b>10,819</b>	<b>3,041</b>	<b>973</b>	<b>834</b>	<b>794</b>	<b>583</b>
Australia.....	234	1	(z)	276	132	-29	(z)	81	37
Burma.....	127	22	76	16	9	(z)	(z)	(z)	5
China: Mainland.....	14	-	-	-	-	-	1	2	12
China: Taiwan.....	2,876	450	862	514	267	171	388	192	32
Hong Kong.....	127	3	35	41	(z)	-5	10	32	11
Indonesia.....	3,025	246	437	1,289	674	214	137	13	14
Japan and Ryukyu Islands.....	2,393	2,523	328	-382	56	-69	-49	68	-83
Kampuchea.....	832	28	228	593	1	5	44	25	7
Korea, Republic of.....	8,043	1,356	2,517	2,017	1,292	228	101	192	339
Laos.....	908	37	398	472	-	-	-	-	-
Malaysia.....	107	1	30	84	43	-16	-10	-19	-8
New Zealand.....	70	5	-2	95	15	-3	-4	-18	-19
Philippines.....	2,255	833	297	497	381	141	33	45	29
Singapore.....	219	-	(z)	78	52	93	25	-14	-15
Thailand.....	959	39	324	281	103	107	31	31	44
Trust Territory of the Pacific Islands.....	1,412	30	89	488	281	125	108	133	157
Vietnam.....	6,691	245	2,088	4,359	-	-	-	-	-
Other and unspecified.....	1,191	993	78	101	-2	11	21	30	19
<b>Western Hemisphere</b>	<b>16,644</b>	<b>1,151</b>	<b>4,469</b>	<b>6,367</b>	<b>1,244</b>	<b>361</b>	<b>687</b>	<b>585</b>	<b>1,779</b>
Argentina.....	340	86	294	-5	17	-29	-30	-25	30
Bahamas.....	2	(z)	(z)	29	-24	-3	-2	2	-1
Bermuda.....	-1	-	-	18	-16	-1	-1	-	-
Bolivia.....	832	77	275	239	123	36	29	20	31
Brazil.....	3,010	470	1,200	1,456	150	-17	-28	-80	-142
Canada.....	475	-1	-5	272	-15	-8	95	47	91
Chile.....	944	85	651	691	-91	-184	-68	-87	-52
Colombia.....	1,228	31	386	798	29	-6	6	-5	-8
Costa Rica.....	289	16	81	102	20	8	3	12	46
Dominican Republic.....	727	-1	173	341	27	59	30	25	73
Ecuador.....	303	27	96	125	37	8	16	1	-7
El Salvador.....	544	4	52	87	33	10	49	112	186
Guatemala.....	456	23	136	141	84	17	15	20	21
Guyana.....	113	(z)	7	71	17	3	3	7	5
Haiti.....	366	27	70	42	75	29	37	43	44
Honduras.....	391	6	50	104	53	28	20	45	84
Jamaica.....	365	16	2	119	34	19	12	58	106
Mexico.....	2,360	226	177	304	126	103	180	159	1,084
Nicaragua.....	397	8	60	137	63	29	78	15	6
Panama.....	401	10	102	203	52	5	13	-4	12
Paraguay.....	147	4	63	68	9	2	-1	(z)	2
Peru.....	788	42	212	239	211	95	-2	-8	-2
Trinidad and Tobago.....	228	-	35	21	-8	29	69	51	11
Uruguay.....	149	6	54	88	1	-3	-3	-4	10
Venezuela.....	285	6	146	107	-44	13	18	99	-1
Other <sup>a</sup> and unspecified.....	1,505	-20	152	571	281	119	128	133	142
<b>Other International organizations and unspecified areas.....</b>	<b>12,400</b>	<b>976</b>	<b>1,265</b>	<b>3,971</b>	<b>1,918</b>	<b>830</b>	<b>1,181</b>	<b>1,108</b>	<b>1,149</b>

<sup>a</sup> Represents zero. <sup>b</sup> Less than \$500,000. <sup>c</sup> July 1, 1945, through Dec. 31, 1982; see footnote 1, table 1461. <sup>d</sup> See table 1461, footnote 5. <sup>e</sup> See table 1461, footnote 7. <sup>f</sup> Includes European Payments Union, European Productivity Agency, North Atlantic Treaty Organization, and former Organization for European Economic Cooperation. <sup>g</sup> United Nations Relief and Works Agency for Palestine refugees. <sup>h</sup> Includes Caribbean Development Bank, Central American Bank for Economic Integration, Inter-American Institute of Agricultural Sciences, Organization of American States, and Pan American Health Organization.

Source: U.S. Bureau of Economic Analysis, press releases and unpublished data.

## NO. 1463. U.S. FOREIGN ECONOMIC AND MILITARY AID PROGRAMS: 1946 TO 1982

[In millions of dollars. For years ending June 30 except, beginning 1977, ending Sept. 30. Economic aid shown here represents total U.S. economic aid—not just aid under Foreign Assistance Act. Major components in recent years include AID, Food for Peace, Peace Corps, and paid-in subscriptions to international financial institutions, such as IBRD, and IDB. Cumulative totals for 1946-1982 are true totals net of deobligation; annual figures however, are gross unadjusted program figures. Military aid includes Military Assistance Program (MAP) grants, foreign military credit sales, service-funded programs, and excess defense articles]

PERIOD OR YEAR AND REGION	Total economic and military aid	ECONOMIC AID			MILITARY AID		
		Total	Loans	Grants	Total	Loans	Grants
1946-1982, total	251,929	157,019	50,162	106,857	94,910	22,984	71,926
1946-1952	41,661	31,116	8,518	22,598	10,545	—	10,545
1953-1961	43,358	24,053	5,850	18,203	19,305	181	19,144
1962-1969	50,254	33,392	15,421	17,972	16,862	1,620	15,242
1970-1982	120,552	72,180	22,566	49,615	48,374	21,260	27,113
1970	6,568	3,676	1,389	2,288	2,892	70	2,822
1971	7,838	3,442	1,299	2,143	4,396	743	3,653
1972	9,021	3,940	1,639	2,301	5,080	550	4,530
1973	9,472	4,117	1,391	2,726	5,356	550	4,805
1974	8,510	3,906	1,150	2,756	4,604	1,386	3,208
1975	6,916	4,908	1,679	3,229	2,009	750	1,259
1976	6,412	3,878	1,759	2,119	2,535	1,442	1,093
1976, TQ <sup>1</sup>	2,603	1,931	840	1,091	672	494	1,078
1977	7,784	5,594	2,083	3,511	2,190	1,411	779
1978	9,014	6,861	2,530	4,131	2,353	1,801	752
1979	13,845	7,120	1,900	5,220	6,725	5,173	1,552
1980	9,695	7,573	1,993	5,580	2,122	1,450	672
1981	10,550	7,305	1,460	5,845	3,245	2,546	699
1982	12,324	8,129	1,454	6,675	4,195	3,084	1,111
Near East and South Asia	6,057	2,958	663	2,295	3,099	2,280	820
East Asia	630	277	102	175	352	341	12
Europe	324	130	—	130	195	170	25
Latin America	991	840	480	359	151	65	86
Africa	1,273	954	204	751	319	228	91
Oceania and other	6	6	—	6	—	—	—
Non-regional	3,043	2,963	5	2,959	79	—	79

— Represents zero.

<sup>1</sup> Transition quarter, July-Sept.

## NO. 1464. U.S. FOREIGN MILITARY AID, BY REGIONS AND SELECTED COUNTRIES: 1962 TO 1982

[In millions of dollars, except percent. For years ending Sept. 30, except as indicated. Military aid data include Military Assistance Program (MAP) grants, foreign military credit sales, International Military Education and Training, and excess defense articles]

REGION AND COUNTRY	1962-1982 <sup>1</sup>			REGION AND COUNTRY	1962-1982 <sup>1</sup>						
	Total	Percent grants	1980, total	1981, total	1982, total	Total	Percent grants	1980, total	1981, total	1982, total	
Total	65,236	65	2,122	3,244	4,195	East Asia <sup>2</sup>	29,609	90	284	335	352
Near East and South Asia <sup>2</sup>	27,967	40	1,484	2,473	3,099	Indonesia	472	52	33	32	42
Egypt	2,955	7	1	551	902	Japan	241	85	—	—	—
Greece	2,582	44	148	178	281	Kampuchea	1,197	100	—	—	—
India	147	81	(2)	(2)	(2)	Korea	6,182	75	131	163	167
Iran	845	40	—	—	—	Laos	1,482	100	—	—	—
Israel	15,712	40	1,000	1,400	1,400	Malaysia	171	4	7	10	11
Jordan	1,081	50	79	44	57	Philippines	726	66	76	76	51
Lebanon	148	6	22	20	11	Thailand	1,382	78	37	55	81
Oman	80	1	25	25	30	Vietnam	15,795	100	—	—	—
Pakistan	209	95	—	—	1	Taiwan	1,894	71	(z)	(z)	—
Saudi Arabia	224	4	—	—	—	Africa <sup>2</sup>	1,537	30	119	135	319
Turkey	3,956	60	208	253	403	Ethiopia	224	84	—	—	—
Latin America <sup>2</sup>	1,952	47	21	60	151	Kenya	149	9	21	7	33
Argentina	262	33	—	—	—	Morocco	374	14	26	34	31
Brazil	414	34	—	—	—	Somalia	66	24	20	20	25
Chile	146	58	—	—	—	Sudan	167	33	25	32	101
Colombia	199	42	(2)	(2)	11	Tunisia	279	18	16	16	96
Ecuador	87	46	3	4	5	Zaire	175	25	7	7	11
El Salvador	140	74	10	36	82	Europe <sup>2</sup>	2,230	62	158	179	195
Honduras	72	39	4	9	31	Italy	269	100	—	—	—
Peru	176	47	3	4	5	Norway	199	100	—	—	—
Venezuela	122	23	—	(z)	(z)	Portugal	283	84	32	53	67
						Spain	1,239	41	128	126	127
						Oceania and other	95	3	(z)	(z)	(z)
						Non-regional	1,845	99	56	64	79

— Represents zero. Z Less than \$500,000. <sup>1</sup> From 1962 to 1976, years ended June 30. Includes transition quarter, July 1, 1976 to Sept. 30, 1976. <sup>2</sup> Totals include amounts not shown separately. Regional totals include aid to entire regions or sub-regions.

Source of tables 1463 and 1464: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual.

## Foreign Commerce and Aid

## NO. 1465. U.S. FOREIGN AID—COMMITMENTS FOR ECONOMIC ASSISTANCE, BY REGIONS AND SELECTED COUNTRIES: 1962 TO 1982

[In millions of dollars, except percent. Falls under economic portion of the Foreign Assistance Act. Data cover commitments for economic and technical assistance by AID and predecessor agencies. For years ending Sept. 30, except as indicated. See text, pp. 815 and 816.]

REGION AND COUNTRY	GROSS CUMULATIVE TOTAL, 1962-1982 <sup>1</sup>			REGION AND COUNTRY	GROSS CUMULATIVE TOTAL, 1962-1982 <sup>1</sup>			REGION AND COUNTRY
	Total	1980, total	1981, total		Total	1980, total	1981, total	
	Percent grants				Percent grants			
<b>Economic assistance</b>								
Near East and South Asia <sup>2</sup>	58,639	62	4,062	4,209	4,990			
Bangladesh	910	76	80	80	74			
Cyprus	151	99	15	14	15			
Egypt	5,905	55	665	829	771			
Greece	135	15	-	-	-			
India	3,448	5	103	105	99			
Iran	104	48	-	-	-			
Israel	6,075	77	785	784	806			
Jordan	1,010	76	69	10	15			
Nepal	128	93	13	14	16			
Pakistan	2,141	12	-	-	100			
Sri Lanka	239	11	31	46	49			
Syria	464	8	-	-	-			
Turkey	1,859	33	198	200	300			
Yemen Arab Rep.	134	96	12	19	23			
Regional	179	100	22	11	16			
East Asia <sup>2</sup>	9,444	79	188	180	219			
China, Taiwan	70	11	-	-	70			
Indonesia	1,187	22	83	69	68			
Kampuchea	379	100	-	-	-			
Korea	1,080	54	-	-	-			
Laos	648	98	-	-	-			
Philippines	692	47	60	69	89			
Thailand	524	80	26	26	31			
Vietnam	4,490	99	-	-	-			
East Asia Regional	339	100	18	14	23			
Europe <sup>2</sup>	825	51	50	37	94			
Italy	110	100	3	5	52			
Malta	76	93	-	-	76			
Portugal	520	24	40	25	20			
Spain	88	100	7	7	22			
Latin America <sup>2</sup>	8,515	27	289	377	614			
Argentina	143	12	-	-	-			
Bolivia	471	30	5	2	2			
Brazil	1,480	11	-	-	-			
Chile	645	6	(Z)	-	-			
Colombia	991	7	(Z)	-	-			
Costa Rica	193	20	14	12	32			

<sup>-</sup> Represents zero. <sup>Z</sup> Less than \$500,000. <sup>1</sup> From 1962 to 1976, years ended June 30; includes transition quarter, July 1 to Sept. 30, 1976. <sup>2</sup> Includes countries not shown separately. <sup>3</sup> Regional programs covering Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, and Panama.

Source: U.S. Agency for International Development, *U.S. Overseas Loans and Grants and Assistance from International Organizations*, annual; and unpublished data.

## NO. 1466. U.S. EXPORTS FINANCED BY FOREIGN AND AGRICULTURAL AID: 1960 TO 1982

[In millions of dollars, except percent. See headnote, table 1463]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Exports financed by aid <sup>1</sup>	2,685	3,242	2,543	1,991	2,351	1,939	1,938	2,217	2,114	1,923	1,926	1,504
Percent of total exports <sup>2</sup>	13.0	11.8	5.9	2.0	2.2	1.7	1.6	1.5	1.2	.9	.8	.8
Loans and grants (AID)	432	1,140	957	570	665	671	802	938	710	673	588	567
Military grant-aid	949	779	565	599	461	190	62	85	165	156	62	81
Agricultural aid (P.L. 480) <sup>3</sup>	3,130 <sup>a</sup>	3,123	1,021	822	1,226	1,078	1,074	1,144	1,239	1,094	1,276	956
Sales for foreign currencies	1,014	899	276	-	-	-	-	-	-	-	-	-
Donations	173	253	255	315	302	307	368	350	416	329	504	228
Long-term dollar and convertible foreign currency credit sales	-	152	490	507	924	771	706	794	821	765	772	727

<sup>-</sup> Represents zero. <sup>1</sup> Foreign Assistance Act and Public Law 480; see table 1468. <sup>2</sup> For total exports, see table 1467.

<sup>3</sup> Includes barter for strategic materials.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports*, *U.S. Foreign Trade*, annual.

## NO. 1467. U.S. EXPORTS AND IMPORTS OF MERCHANDISE: 1970 TO 1982

[In billions of dollars, except per capita and percent. Includes silver ore and bullion; beginning 1974, includes shipments of nonmonetary gold. For basis of dollar values, see text, pp. 816 and 817. "Special Category" commodities are grouped separately for security reasons. See also *Historical Statistics, Colonial Times to 1970*, series U 190-195 and U 207-212.]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Total exports <sup>1</sup> .....	43.2	49.8	71.3	98.5	107.7	115.3	121.2	143.8	182.0	220.8	233.7	212.3
Domestic.....	42.6	49.0	70.2	97.1	106.1	113.7	119.0	141.2	178.8	216.7	229.0	207.2
Avg. annual percent change <sup>2</sup> ....	13.7	12.6	43.3	39.3	9.2	7.2	4.7	18.6	26.6	21.2	5.7	-9.5
Excl. Special Category.....	41.9	48.6	69.8	96.4	104.6	112.4	117.9	139.2	175.6	213.3	224.8	200.6
Special Category.....	1.4	1.2	1.6	2.1	3.0	2.6	3.2	4.5	3.0	3.3	4.2	6.5
Foreign (initially imports).....	.6	.8	1.1	1.4	1.5	1.7	2.2	2.5	3.2	4.1	4.8	5.1
Total exports, excluding M.A.P. <sup>3</sup> .....	42.7	49.2	70.8	97.9	107.1	115.2	121.2	143.7	181.7	220.6	233.7	212.2
M.A.P. <sup>3</sup> Grant-Aid <sup>4</sup> .....	.6	.6	.5	.6	.5	.2	.1	.1	.2	.2	.1	.1
General Imports <sup>5</sup> .....	40.0	55.6	69.5	102.6	98.5	123.5	150.4	174.8	209.5	244.9	261.3	244.0
Avg. annual percent change <sup>2</sup> ....	10.8	21.9	25.0	47.8	-4.0	25.4	21.8	16.2	19.9	16.0	6.7	-6.6
Merchandise trade balance <sup>6</sup> .....	2.7	-6.3	1.3	-4.7	8.6	-8.7	-29.2	-31.1	-27.6	-24.3	-27.6	-31.8
Per capita <sup>7</sup> (dollars):												
Domestic exports.....	208	235	331	454	491	522	540	634	794	954	997	893
General imports.....	195	266	330	480	456	567	683	785	931	1,078	1,137	1,051
Imports for consumption <sup>8</sup> .....	39.8	55.3	69.0	100.1	96.5	121.1	147.1	172.9	205.9	244.0	259.0	242.3
Free.....	13.9	18.9	28.3	52.1	31.0	37.2	43.6	51.8	103.3	107.0	76.3	75.9
Percent of total.....	35	34	41	52	32	31	30	30	50	45	29	31
Dutiable.....	25.9	36.4	40.8	48.1	65.5	83.9	103.4	121.1	102.5	133.0	182.7	168.5
Duties calculated.....	2.6	3.1	3.6	3.8	3.8	4.7	5.5	7.2	7.2	7.5	8.9	8.7
Percent of imports.....	6.5	5.6	5.2	3.8	3.9	3.9	3.7	4.2	3.5	3.1	3.4	3.6

<sup>1</sup> Includes "Special Category" items and beginning 1974, includes trade of Virgin Islands with foreign countries. <sup>2</sup> From previous year. <sup>3</sup> M.A.P. = Military Assistance Program. <sup>4</sup> Represents shipments only from U.S. and may differ from U.S. Dept. of Defense figures because of differences in statistical definitions. <sup>5</sup> 1970-1973 and 1982, customs value basis; 1974-1981, f.a.s. value basis. Beginning 1974, includes trade of Virgin Islands with foreign countries. <sup>6</sup> For figures adjusted to balance of payments basis, see table 1453. Total domestic and foreign exports excluding M.A.P. Grant-Aid shipments, minus general imports. <sup>7</sup> Based on estimated population including Armed Forces abroad as of July 1, except 1970 and 1980 as of April 1. <sup>8</sup> Customs value basis. <sup>9</sup> Includes revisions not carried to free and dutiable values; therefore, these values will not add to total.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

## NO. 1468. U.S. EXPORTS AND IMPORTS FOR CONSUMPTION OF MERCHANDISE BY CUSTOMS REGIONS: 1970 TO 1982

[In billions of dollars. Exports include reexports; imports are on customs value basis. See *Historical Statistics, Colonial Times to 1970*, series U 264-273, for related data]

CUSTOMS REGIONS	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Exports, total <sup>1</sup> .....	43.2	49.7	71.3	98.5	107.6	115.0	121.2	143.7	181.8	220.8	233.7	212.3
Boston.....	3.3	4.5	5.7	7.7	7.8	8.7	9.6	10.3	12.4	14.3	15.4	13.7
New York.....	10.0	9.8	12.7	17.5	18.7	19.4	19.9	23.6	32.8	38.9	35.8	31.2
Baltimore.....	3.9	4.4	6.3	10.3	12.5	13.1	12.3	14.4	18.0	21.5	22.2	21.5
Miami.....	2.0	2.7	3.5	5.4	6.2	7.3	8.7	10.3	13.6	17.5	19.8	18.5
New Orleans.....	3.8	4.6	7.5	10.7	11.3	12.2	12.8	14.8	18.0	22.0	23.3	21.3
Houston.....	4.0	4.6	7.9	11.3	12.9	12.5	12.2	15.4	21.3	28.3	31.5	27.3
Los Angeles.....	2.5	2.4	4.1	5.9	6.4	7.1	7.3	9.2	13.0	17.0	19.6	18.4
San Francisco.....	4.8	5.6	8.8	11.7	11.5	13.1	13.4	17.1	23.5	29.3	30.6	26.6
Chicago.....	6.2	8.7	11.5	13.5	15.3	17.1	18.8	21.8	23.5	25.2	28.2	24.8
Imports, total <sup>1</sup> .....	40.0	55.6	69.0	100.1	96.5	121.1	147.9	172.9	205.9	244.0	259.0	242.3
Boston.....	5.7	7.5	9.0	11.0	9.9	12.4	14.7	17.9	19.9	21.6	24.4	24.3
New York.....	10.1	12.6	15.6	20.4	18.1	22.0	26.1	33.2	37.8	43.4	44.1	41.2
Baltimore.....	3.9	5.6	7.3	12.7	11.9	13.2	15.4	16.4	22.2	26.8	26.9	24.3
Miami.....	2.4	4.1	4.8	7.1	6.4	7.9	9.2	11.2	12.6	14.9	20.3	19.7
New Orleans.....	1.6	2.1	2.9	5.7	6.8	9.3	13.1	14.1	19.2	25.5	26.1	20.4
Houston.....	1.8	2.7	3.8	7.9	8.8	12.6	17.4	20.7	28.1	34.7	36.2	30.0
Los Angeles.....	3.3	4.9	6.5	9.0	8.6	11.1	13.6	16.3	18.8	22.2	24.4	24.6
San Francisco.....	3.6	5.1	6.4	10.5	10.6	13.3	16.0	17.8	20.8	25.0	26.6	26.5
Chicago.....	7.3	10.6	12.4	15.3	15.1	18.9	21.4	23.3	25.9	25.6	29.7	31.0

<sup>1</sup> Includes data on low-value shipments not distributed by customs region. <sup>2</sup> Includes revisions not carried to customs regions.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, FT 990, monthly.

## NO. 1469. EXPORT AND IMPORT UNIT VALUE INDEXES—SELECTED COUNTRIES: 1978 TO 1982

[Indexes in U.S. dollars, 1980=100. A unit value is an implicit price derived from value and quantity data]

COUNTRY	EXPORT UNIT VALUE					IMPORT UNIT VALUE				
	1978	1979	1980	1981	1982	1978	1979	1980	1981	1982
United States .....	77	88	100	109	110	67	80	100	106	104
Australia.....	73	88	100	102	95	66	78	100	103	(NA)
Austria.....	82	92	100	86	84	76	58	100	90	84
Belgium.....	74	90	100	86	80	73	86	100	90	84
Canada.....	72	85	100	104	102	77	86	100	108	107
Denmark .....	84	95	100	90	86	74	89	100	93	88
France.....	77	90	100	88	83	72	84	100	92	85
Germany, Fed. Rep. ....	82	93	100	87	85	72	87	100	90	85
Italy.....	71	85	100	92	90	66	80	100	103	94
Norway.....	62	75	100	99	95	76	87	100	89	82
Sweden.....	73	87	100	91	82	72	87	100	91	83
Switzerland.....	82	91	100	88	88	73	83	100	83	79
United Kingdom .....	67	81	100	93	86	66	80	100	95	89

NA Not available.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly.

## NO. 1470. U.S. EXPORTS AND IMPORTS—INDEXES OF TOTAL VALUE, UNIT VALUE (AVERAGE PRICE), AND QUANTITY: 1970 TO 1982

[1977 average=100. See headnote, table 1469. See also *Historical Statistics, Colonial Times to 1970*, series U 226-248]

ECONOMIC CLASS	INDEX OF EXPORTS OF U.S. MERCHANDISE						INDEX OF GENERAL IMPORTS							
	1970-1975, avg.	1975	1978	1979	1980	1981	1982	1970-1975, avg.	1975	1978	1979	1980	1981	1982
Total value .....	57.3	89.7	119.7	151.3	183.6	194.1	175.6	46.6	68.5	118.9	142.1	165.5	179.1	167.4
Foods; Crude.....	70.8	125.0	134.7	167.2	205.2	223.3	174.7	44.7	51.5	102.5	108.8	108.5	102.0	102.4
Manufactured.....	56.7	78.8	124.1	141.5	177.7	191.3	159.5	73.6	88.4	120.4	142.5	154.0	160.7	145.8
Materials, crude.....	78.8	116.5	112.0	143.7	170.0	166.2	180.7	25.0	57.8	98.5	137.5	180.5	179.7	136.8
Manufactures; Semifinished.....	64.9	90.8	133.9	219.4	288.5	245.0	218.2	52.5	69.1	116.5	136.9	150.8	161.2	144.0
Finished.....	55.1	87.9	118.1	138.6	168.1	186.3	171.6	54.4	70.2	134.0	160.5	169.1	185.6	204.2
Unit value .....	67.4	92.8	106.9	121.6	138.1	150.8	152.6	59.8	89.4	167.9	128.7	161.4	170.3	167.5
Foods; Crude.....	84.1	128.2	106.3	125.6	140.0	146.6	127.9	39.2	46.1	93.4	98.6	103.8	97.1	92.2
Manufactured.....	76.7	99.8	108.4	118.8	121.4	127.3	118.0	87.5	122.1	111.7	133.8	169.5	164.5	149.6
Materials, crude.....	58.3	68.4	100.4	115.5	122.1	125.0	115.7	46.1	86.0	102.7	137.7	224.2	249.0	232.4
Manufactures; Semifinished.....	69.7	100.8	107.6	135.6	167.6	166.2	154.7	57.4	91.9	106.6	142.0	171.3	172.6	157.9
Finished.....	67.0	87.4	107.9	119.4	134.8	154.2	165.7	68.6	92.8	112.4	123.1	134.9	142.2	147.6
Quantity .....	82.3	96.6	111.9	124.5	132.9	128.8	115.1	77.4	74.4	110.2	110.4	105.2	105.2	99.9
Foods; Crude.....	78.4	97.5	124.5	133.1	146.6	182.3	136.6	114.5	112.0	109.7	112.7	104.5	105.0	111.1
Manufactured.....	73.1	79.0	114.6	119.2	146.3	150.3	135.2	84.7	72.4	107.8	106.5	90.8	97.7	97.5
Materials, crude.....	88.8	88.1	111.6	124.5	139.3	132.9	137.7	59.3	67.3	95.9	99.8	80.5	72.2	58.8
Manufactures; Semifinished.....	92.0	90.0	125.6	164.3	159.1	147.4	141.0	92.4	75.2	109.3	96.5	88.1	93.4	91.2
Finished.....	79.9	100.6	107.7	116.1	124.7	120.8	103.6	81.0	75.7	119.2	122.2	125.4	137.6	138.3

Source: U.S. Bureau of the Census, *Indexes of U.S. Exports and Imports by Economic Class, 1919-1971*, and unpublished data.

## No. 1471. U.S. EXPORTS AND IMPORTS—VALUE, BY BROAD END-USE CLASS: 1967 TO 1982

[In billions of dollars. Data are adjusted to balance of payments basis, excluding military; for details, see source. Exports include re-exports. See also *Historical Statistics, Colonial Times to 1970*, series U 249-263]

END-USE CLASS	1967	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Exports, total <sup>2</sup> .....	30.7	42.5	71.4	98.3	107.1	114.7	120.8	142.1	184.6	224.2	237.0	211.2
Foods, feeds, and beverages.....	5.0	5.9	15.2	18.6	19.2	19.8	19.7	25.2	30.0	35.7	38.2	31.5
Industrial supplies and materials.....	10.0	13.8	19.8	29.9	29.8	32.0	34.3	39.0	58.1	71.9	70.0	63.6
Capital goods, except automotive.....	9.8	14.6	22.0	30.9	36.6	39.1	39.8	46.5	58.8	74.2	81.5	73.8
Automotive vehicles and parts <sup>3</sup> .....	2.8	3.9	7.0	8.8	10.8	12.2	13.5	15.7	18.4	17.6	19.8	17.1
Consumer goods (nonfood) <sup>4</sup> .....	2.1	2.8	4.8	6.4	6.6	8.0	8.9	10.4	12.8	16.6	16.4	14.8
General imports, total <sup>2</sup> .....	26.9	39.9	70.5	103.8	98.2	124.2	151.9	176.0	212.0	249.7	265.1	247.6
Foods, feeds, and beverages.....	4.6	6.1	9.1	10.6	9.6	11.5	14.0	15.4	17.4	18.1	18.1	17.1
Industrial supplies and materials.....	12.0	15.3	27.6	54.0	50.6	63.7	79.9	83.6	109.0	133.3	135.2	111.0
Capital goods, except automotive.....	2.5	4.0	8.3	9.8	10.2	12.3	14.0	19.7	25.0	31.2	36.7	39.3
Automotive vehicles and parts <sup>3</sup> .....	2.4	5.5	10.7	12.4	12.1	16.8	19.4	25.0	26.4	27.9	30.9	34.3
Consumer goods (nonfood) <sup>4</sup> .....	4.2	7.4	12.9	14.4	13.2	17.2	21.8	28.9	30.6	34.4	36.7	39.7

<sup>1</sup> Preliminary. <sup>2</sup> Includes other end-use items, not shown separately. <sup>3</sup> Includes engines. <sup>4</sup> Excludes automotive.Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, June 1983.

**NO. 1472. DOMESTIC EXPORTS AND GENERAL IMPORTS OF LEADING COMMODITIES—VALUE, BY AREAS: 1981 AND 1982**

[In millions of dollars, except percent. Includes nonmonetary gold. Exports are f.a.s. (free alongside ship) transaction value basis; imports are f.a.s. value basis in 1981; customs value in 1982]

SELECTED COMMODITIES	1981					1982				
	Total <sup>1</sup>	Canada	American Republics	Western Europe	Far East	Total <sup>1</sup>	Canada	American Republics	Western Europe	Far East
<b>Domestic exports, total</b>	<b>228,961</b>	<b>38,288</b>	<b>38,202</b>	<b>63,747</b>	<b>46,304</b>	<b>207,158</b>	<b>32,502</b>	<b>29,070</b>	<b>58,373</b>	<b>48,222</b>
Agricultural commodities	43,338	1,989	5,810	12,141	14,052	36,623	1,805	3,680	11,342	12,223
Nonagricultural commodities	185,623	36,309	32,392	51,606	34,242	170,535	30,697	25,210	47,031	35,999
Food and live animals	30,291	1,838	4,698	6,525	9,303	23,950	1,497	2,785	5,551	8,002
Meat and meat preparations	1,482	104	159	301	585	1,285	91	103	243	630
Grain and cereal preparation	19,457	188	2,964	3,087	6,784	14,747	146	1,799	2,454	10,064
Wheat and wheat flour	8,073	1	1,571	637	3,115	6,869	(z)	1,230	524	2,826
Corn	8,014	84	737	2,011	2,452	5,693	44	218	1,552	2,087
Beverages and tobacco	2,915	50	157	1,161	824	3,026	63	166	1,231	998
Crude materials, ex. fuels	20,983	1,828	1,604	7,983	8,257	19,248	1,364	1,925	7,765	7,451
Soybeans	6,200	73	285	3,586	1,835	6,240	72	216	3,829	1,600
Logs and lumber	2,059	270	99	324	1,197	2,095	183	76	312	1,386
Metal ores and scrap	2,718	524	260	883	953	2,174	324	121	813	829
Mineral fuels and related materials	10,279	1,904	7,770	4,143	2,822	12,729	1,927	1,688	4,808	3,355
Bituminous coal	5,806	904	228	2,860	1,691	5,934	987	282	2,794	1,743
Chemicals and related products	21,187	2,478	4,469	6,251	5,352	19,891	2,183	3,670	5,997	5,633
Manufactured goods	20,633	4,486	4,727	4,286	3,350	16,739	3,375	3,194	3,577	3,099
Textile yarn, fabric, articles	3,619	666	647	823	652	2,784	503	484	656	404
Iron and steel	2,880	778	1,021	323	260	2,101	434	558	246	287
Machinery	62,946	11,173	12,341	17,039	10,744	60,308	9,705	9,942	17,186	16,341
Power generating	9,465	2,232	1,685	2,635	1,266	9,461	2,095	1,308	2,654	1,537
Agricultural <sup>2</sup>	3,523	1,356	656	356	117	3,544	1,190	550	694	177
General industrial	11,542	2,812	2,637	2,113	1,481	9,873	1,829	1,857	1,952	1,534
Office machinery and computers	9,810	1,281	932	5,273	1,437	10,206	1,375	885	5,360	1,627
Telecommunications	3,856	447	990	1,074	753	3,864	413	804	1,073	901
Electrical <sup>3</sup>	11,494	1,844	2,041	3,489	3,541	11,285	1,490	1,693	2,811	3,923
Transport equipment	32,791	9,598	5,416	6,518	3,484	23,828	6,028	3,040	4,262	3,120
Automobile, motor vehicles <sup>4</sup>	16,214	8,480	3,193	1,371	532	13,907	7,539	2,078	1,255	521
Aircraft and parts	14,738	916	1,679	4,766	2,738	11,775	635	685	3,125	2,499
Professional, scientific, and controlling instruments	5,980	866	777	2,315	1,113	6,003	806	852	2,231	1,269
<b>General imports, total</b>	<b>261,305</b>	<b>46,414</b>	<b>32,023</b>	<b>51,855</b>	<b>73,490</b>	<b>243,952</b>	<b>46,477</b>	<b>32,513</b>	<b>52,346</b>	<b>73,358</b>
Agricultural commodities	17,003	1,167	6,541	3,057	2,777	15,422	1,386	5,528	3,327	2,243
Nonagricultural commodities	244,301	45,247	25,482	48,798	70,712	228,530	45,091	26,985	49,016	71,115
Food and live animals	15,239	1,628	6,887	1,630	1,866	14,453	1,8989	6,095	1,905	1,857
Meat and meat preparations	1,996	263	392	246	2	2,076	368	302	293	14
Fish, incl. shellfish	2,962	754	808	403	622	3,143	755	981	403	646
Vegetables and fruit	2,587	111	1,829	242	447	2,816	123	1,736	329	448
Coffee	2,622	-	1,824	4	280	2,730	(z)	1,833	36	232
Beverages and tobacco	3,138	432	292	2,168	109	3,364	438	376	2,330	99
Crude materials, ex. fuels	11,193	5,313	1,277	789	1,514	8,588	4,258	971	627	1,012
Wood and paper base stocks	3,857	3,614	122	22	53	1,522	1,414	52	32	1
Metal ores and scrap	3,838	1,113	679	189	200	2,684	676	472	101	131
Mineral fuels and related materials	81,417	7,700	13,664	8,085	6,943	65,409	8,082	15,184	8,202	4,885
Crude petroleum	81,940	1,932	8,983	6,732	5,408	45,862	2,225	10,117	6,734	4,081
Petroleum products	13,637	1,125	3,975	1,315	890	13,535	971	4,399	1,436	765
Natural gas	5,720	4,545	712	17	28	5,934	4,830	666	31	45
Chemicals and related products	9,446	2,916	667	3,930	1,279	9,494	2,596	613	4,174	1,235
Manufactured goods	37,292	8,791	2,894	10,158	12,212	33,148	7,611	2,458	9,163	11,427
Paper, paperboard	3,580	3,296	32	186	57	3,506	3,228	26	198	47
Iron and steel	11,211	1,398	537	4,193	4,428	9,613	694	468	3,724	4,089
Nonferrous metals	6,952	2,221	1,204	1,319	229	5,321	1,617	908	1,095	650
Machinery	38,212	5,104	2,789	10,323	19,546	39,684	4,758	3,146	10,238	21,048
Power generating	4,578	1,281	318	2,166	776	4,533	1,271	555	1,861	810
General industrial	4,874	768	124	2,127	1,760	4,898	721	140	2,119	1,781
Telecommunications	8,910	378	849	309	7,383	9,051	400	910	323	7,379
Electrical <sup>3</sup>	9,180	730	1,199	1,451	5,665	10,281	726	1,243	1,584	6,539
Transport equipment	31,415	9,892	408	6,938	13,918	33,635	12,149	371	7,321	13,630
Automobiles, buses, trucks	22,111	6,599	-	4,000	11,497	24,898	8,697	(z)	4,893	11,393
New passenger cars	17,540	4,293	(z)	3,924	9,324	19,757	5,787	(z)	4,800	9,170
Motor vehicle parts	4,106	2,290	314	944	522	4,372	2,561	300	870	616
Clothing	7,637	68	598	437	6,230	8,165	82	557	469	6,652
Footwear	3,019	22	448	905	1,572	3,438	30	435	1,048	1,857

<sup>-</sup> Represents zero. <sup>Z</sup> Less than \$500,000. <sup>1</sup> Includes countries and regions not shown separately. <sup>2</sup> Agricultural machinery and parts and tractors, excluding tractor parts. <sup>3</sup> Electrical machinery, apparatus, appliances, and parts. <sup>4</sup> Includes motor vehicle and tractor parts, except tires, engines, and electrical parts.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, December issues.

NO. 1473. EXPORTS AND IMPORTS OF MERCHANDISE, BY CONTINENTS, AREAS, AND COUNTRIES: 1970 TO 1982

[In millions of dollars, except percent. Includes silver ore and bullion. Beginning 1970, data include nonmonetary gold and beginning 1981, data include trade of Virgin Islands with foreign countries, see footnote 2 for exception. See *Historical Statistics, Colonial Times to 1970*, series U 317-352, for selected countries.]

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN										GENERAL IMPORTS					
	1970	1975	1977	1978	1979	1980	1981	1982	1970	1975	1977	1978	1979	1980	1981	1982
Total <sup>1</sup> .....	43,224	107,592	121,212	143,663	181,816	220,763	233,739	212,275	38,952	95,502	147,671	171,978	206,256	244,871	261,305	243,952
Developed countries <sup>3</sup> .....	29,877	64,780	74,891	85,585	110,579	130,848	135,840	122,541	28,259	56,309	98,909	111,463	125,306	141,506	141,594	141,594
Percent of total .....	69.1	60.2	61.7	59.6	60.8	59.3	58.1	57.7	73.2	58.5	53.2	57.5	54.0	51.2	54.2	53.0
Developing countries <sup>3</sup> .....	12,933	35,215	43,307	52,995	62,125	81,174	10,442	6,554	39,311	67,703	92,323	117,232	116,325	99,002	99,002	99,002
Communist areas, total .....	3,092	2,716	4,503	7,408	7,616	7,951	6,554	227	891	1,336	1,831	2,163	2,196	3,422	2,384	2,384
Africa .....	1,580	4,949	5,546	5,887	6,299	9,080	11,987	10,271	1,113	8,599	17,024	16,988	24,382	34,410	27,071	17,777
Asia .....	10,027	28,223	31,436	39,320	48,771	60,168	63,949	64,522	9,621	27,750	49,312	58,264	66,739	80,399	92,633	85,170
Oceania .....	1,189	2,340	2,877	3,464	4,319	4,676	6,436	5,700	8,671	1,508	2,502	3,392	3,702	4,181	3,953	3,171
Europe .....	14,817	32,732	37,304	38,920	54,324	67,552	66,393	55,054	11,395	16,623	28,802	36,483	41,681	46,802	52,846	52,346
North America .....	12,357	34,407	39,393	47,983	51,933	56,757	63,934	55,057	10,970	30,676	40,967	47,173	53,337	64,267	69,909	70,994
South America .....	3,244	8,803	9,277	10,990	13,572	17,732	15,257	2,958	7,232	9,343	10,908	13,722	14,400	15,527	14,373	14,373
Western Hemisphere .....	15,612	38,943	43,751	50,994	61,555	74,114	81,687	67,312	16,928	20,209	50,997	56,473	68,599	78,887	85,436	84,467
Canada .....	9,019	21,744	26,786	28,374	32,098	35,385	35,564	33,720	11,092	22,51	28,599	33,225	38,046	41,459	46,414	46,414
20 Latin American countries .....	5,665	15,655	16,371	20,585	26,259	36,030	38,950	37,026	4,779	11,847	16,450	24,767	29,962	32,073	35,513	35,513
Other Western Hemisphere .....	637	1,444	1,592	1,835	2,200	2,668	3,152	3,056	1,057	4,210	4,648	4,392	5,987	7,277	6,309	5,477
Central American Common Market .....	425	968	1,478	1,571	1,655	1,951	1,773	1,405	416	810	1,681	1,478	1,885	1,949	1,346	1,467
Costa Rica .....	95	212	323	335	413	498	373	330	117	179	285	293	389	396	365	358
El Salvador .....	64	194	314	356	467	522	552	559	390	87	182	293	443	427	259	319
Guatemala .....	100	255	377	398	467	520	539	524	292	405	450	342	413	435	349	349
Honduras .....	89	151	240	240	300	324	324	324	119	103	145	358	339	419	433	365
Nicaragua .....	77	156	223	184	160	250	184	184	119	61	131	211	234	211	140	90
Latin American Free Trade Association .....	4,885	13,773	13,920	17,489	22,223	32,274	35,260	26,879	4,071	10,00	13,906	16,195	21,793	26,735	28,381	29,850
Argentina .....	441	626	731	942	1,442	2,222	2,222	2,192	1,299	1,72	215	392	563	587	741	1,124
Bolivia .....	45	159	214	206	1,445	2,525	2,525	2,192	1,299	25	89	157	169	222	182	1,128
Brazil .....	840	3,056	2,490	3,442	3,442	3,442	3,442	3,442	3,423	3,423	3,423	2,241	2,241	2,626	3,116	4,475
Chile .....	300	533	520	725	885	1,353	1,485	925	157	138	273	385	440	515	604	666
Colombia .....	395	643	782	1,046	1,409	1,736	1,771	1,903	269	819	1,044	1,209	1,241	819	801	801
Ecuador .....	127	410	565	609	696	864	854	828	109	463	621	741	616	676	1,021	1,131
Mexico .....	1,704	4,822	6,680	9,847	15,445	17,789	11,817	1,219	3,056	4,694	6,094	8,805	12,580	13,765	15,566	15,566
Paraguay .....	33	51	90	128	109	108	108	73	111	19	51	164	214	211	140	90
Peru .....	214	886	500	501	720	1,171	1,171	1,117	341	397	513	654	1,181	1,386	1,224	1,099
Uruguay .....	41	74	90	127	183	163	163	163	159	159	159	159	159	159	159	159
Venezuela .....	759	2,243	3,172	3,728	3,933	4,573	5,445	5,206	1,082	3,624	4,084	5,453	5,166	5,521	5,521	5,521
Other Latin America .....	385	974	1,116	1,380	1,380	1,805	1,805	1,805	1,805	292	937	964	1,078	1,185	1,185	1,185
Cuba .....	143	424	424	424	424	424	424	424	424	1	12	12	12	12	12	12
Dominican Republic .....	34	144	204	243	311	311	311	311	301	299	32	107	168	193	222	222
Haiti .....	34	144	204	243	311	311	311	311	301	299	32	107	168	193	217	217
Panama .....	208	346	346	346	346	346	346	346	844	839	76	159	159	159	330	297

	Other Western Hemisphere	1,444	1,582	1,835	2,200	2,688	3,152	3,506	4,057	4,210	4,648	4,392	5,696	7,277	6,999	5,477
Bahamas	208	224	334	441	580	82	880	1,058	977	1,567	1,469	1,262	1,469	1,262	1,050	1,050
Barbados	36	59	120	136	150	9	94	232	339	57	96	80	43	107	107	107
Belize	11	26	41	67	86	69	64	28	29	20	60	13	18	43	36	36
Bermuda	92	63	109	121	136	149	172	1	3	14	10	13	18	12	12	12
French West Indies	15	26	34	47	59	1	3	2	7	4	4	7	20	14	15	16
Greenland	1	8	3	1	1	1	1	1	1	17	20	14	14	15	15	16
Guyana	25	89	54	74	96	106	56	43	87	54	61	120	104	71	71	71
Jamaica	218	381	271	289	292	305	479	468	187	307	345	385	375	383	366	366
Leeward and Windward Islands	32	41	65	79	99	121	282	177	6	15	9	25	32	36	32	32
Netherlands Antilles	128	228	304	317	412	446	499	660	416	1,559	1,292	1,830	1,564	2,626	2,117	2,117
Suriname	35	73	119	114	136	138	128	128	128	119	119	119	106	110	110	110
Trinidad and Tobago	84	236	336	330	462	680	686	894	232	1,171	1,677	1,425	1,559	2,383	2,215	2,215
Other	4	3	50	50	54	432	67	74	87	83	8	11	11	11	38	38
Western Europe	14,463	29,945	34,760	39,929	54,342	65,377	60,054	11,168	20,892	27,658	36,483	41,681	46,602	51,855	52,346	52,346
OECD <sup>a</sup>	29,575	34,346	39,405	53,154	66,654	84,548	59,378	11,074	20,627	27,310	36,072	41,272	46,137	51,389	51,386	51,386
European Economic Com. <sup>b</sup>	11,501	23,315	27,631	32,747	43,402	54,601	52,363	9,274	16,843	23,383	29,173	33,476	36,384	41,624	42,509	42,509
Belgium and Luxembourg	1,195	2,417	3,138	3,653	5,187	6,661	5,765	5,229	6,986	11,199	1,453	1,762	1,741	1,914	2,297	2,297
Denmark <sup>c</sup>	1,227	2,445	3,522	5,893	5,732	8,863	8,87	7,732	284	464	583	694	707	722	850	850
France	2,483	3,031	3,503	4,169	7,341	7,486	7,341	7,110	942	2,164	3,032	4,051	4,766	5,265	5,851	5,851
Germany, Fed. Rep. of	2,741	5,194	5,989	6,957	10,950	10,277	9,291	3,127	5,410	7,283	9,962	10,955	11,693	11,379	11,379	11,379
Greece <sup>d</sup>	203	450	559	699	811	922	676	52	110	174	167	183	292	359	359	359
Ireland	1,353	1,190	3,178	5,272	6,95	836	1,025	486	1,316	2,457	3,037	4,102	4,917	5,125	4,98	4,98
Italy	2,707	2,887	2,790	3,351	4,362	5,511	5,380	4,616	6,516	8,598	10,979	1,602	1,853	1,913	2,366	2,366
Netherlands	2,536	4,139	5,683	6,917	8,689	10,595	12,439	12,439	21,94	31,773	5,141	6,023	6,514	9,542	12,835	13,995
United Kingdom <sup>e</sup>	2,778	6,280	6,715	6,658	10,111	12,053	11,445	1,706	3,784	4,928	6,886	7,797	9,753	9,776	9,457	9,457
Other OECD <sup>f</sup>	6,996	181	261	195	215	312	447	484	613	489	114	149	280	349	382	382
Austria <sup>g</sup>	13	32	36	39	337	505	79	48	71	77	47	85	159	200	525	525
Finland <sup>h</sup>	196	510	553	687	843	892	950	142	403	766	1,190	1,267	2,226	2,099	1,84	1,84
Iceland	128	427	551	525	691	911	1,075	838	92	157	146	180	243	278	238	238
Norway	712	2,164	2,164	1,875	2,506	1,515	1,091	1,091	1,767	3,397	3,456	353	836	1,202	1,533	1,533
Portugal	543	925	1,101	1,091	1,725	3,660	3,748	1,842	1,689	3,99	887	887	936	1,328	1,593	1,593
Spain	700	1,153	1,424	1,424	3,355	3,561	5,042	5,042	7,070	459	1,180	1,180	1,820	2,076	2,448	2,448
Sweden <sup>i</sup>	315	608	424	424	524	828	858	829	868	70	145	148	175	201	261	274
Switzerland <sup>j</sup>	183	359	414	414	457	756	648	648	694	99	285	339	411	409	455	380
Turkey	168	358	337	337	455	756	756	756	102	180	183	12	347	395	437	360
Other Western Europe	15	41	57	57	49	15	15	15	15	15	15	15	15	15	18	18
Yugoslavia, Other and Special Category <sup>k</sup>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

See footnotes at end of table.

NO. 1473. EXPORTS AND IMPORTS OF MERCHANDISE, BY CONTINENTS, AREAS, AND COUNTRIES: 1970 TO 1982—Continued

[In millions of dollars, except percent. See headnote, p. 834.]

CONTINENT, AREA, AND COUNTRY	EXPORTS, DOMESTIC AND FOREIGN								GENERAL IMPORTS <sup>1</sup>							
	1970	1975	1977	1978	1979	1980	1981	1982	1970	1975	1977	1978	1979	1980	1981	1982
Communist areas in Europe	2,787	2,544	3,679	5,684	3,860	4,338	3,610	226	731	1,132	1,502	1,866	1,437	1,555	1,067	
Bulgaria	15	30	48	106	281	165	258	107	2	20	18	19	35	34	34	
Czechoslovakia	23	53	75	106	281	93	64	24	11	37	58	67	67	62	62	
German Dem. Rep.	33	17	36	556	473	296	223	9	35	17	35	36	44	48	54	
Hungary	28	76	81	99	78	80	78	68	6	46	46	68	107	129	133	
Poland	70	583	459	680	763	714	682	295	98	243	324	423	416	385	212	
Romania	66	191	260	319	501	722	504	224	13	232	345	329	312	348	348	
Soviet Union	119	1,835	1,628	2,252	3,607	1,513	2,411	2,537	72	255	453	539	674	344	228	
Other	(2)	5	12	7	46	22	(2)	3	5	(2)	9	10	9	3	2	
Asia	10,027	28,223	31,436	39,630	48,771	60,168	63,849	64,822	9,621	27,252	49,312	58,264	66,339	80,289	92,033	85,170
Japan	4,652	9,563	10,529	12,885	17,581	20,790	21,823	20,986	5,875	11,425	18,550	24,468	30,714	37,612	37,744	
Communist areas	(2)	305	18,556	20,736	824	1,725	3,755	3,613	2,995	1	204	229	597	1,059	1,897	
Other Asia	3,375	18,556	20,736	28,921	28,468	36,413	40,972	3,745	15,667	30,558	33,478	39,394	48,526	52,524	45,139	
Near East Asia	1,346	8,263	10,038	12,412	11,030	11,900	14,664	15,980	3,48	5,401	12,849	18,113	14,989	18,672	18,543	
Bahrain	12	90	203	165	159	197	227	220	8	100	75	229	11	16	11	
Iran	326	3,244	3,685	1,021	1,021	1,021	1,021	1,021	67	1,398	2,802	2,877	2,784	450	35	
Iraq	22	310	211	317	442	724	914	846	3	381	243	616	460	164	585	
Israel	592	1,551	1,447	1,955	2,045	2,045	2,045	2,045	150	314	572	720	950	950	1,243	
Jordan	63	195	302	235	334	407	227	620	(2)	3	1	4	3	2	1,164	
Kuwait	62	366	546	745	765	886	976	941	25	111	215	50	87	494	86	
Lebanon	64	368	624	142	227	303	296	234	13	42	15	15	33	19	40	
Saudi Arabia	141	1,502	3,575	4,370	4,515	5,768	7,327	9,026	20	2,623	6,347	5,307	5,307	14,391	18	
Syria	11	28	134	143	229	239	143	143	158	7	16	16	16	12,638	7,443	
Other	52	508	762	693	1,123	1,307	1,484	1,472	61	796	2,395	2,395	166	268	2,456	
East and South Asia	4,030	10,085	10,687	13,509	18,436	23,722	23,448	24,982	3,397	10,267	17,710	21,665	24,905	29,854	33,980	
Afghanistan	62	10	13	17	66	111	66	111	4	10	8	15	12	6	33,328	
Burma	527	1,659	1,788	2,342	3,272	4,337	4,305	4,387	549	1,946	3,671	5,170	4,12	9	17	
China: Taiwan	406	808	1,282	1,625	2,083	2,686	2,635	2,453	944	1,573	2,884	3,474	3,995	5,854	8,049	
Hong Kong	572	1,290	779	946	1,167	1,689	1,748	1,589	298	549	776	979	5,728	5,426	8,883	
India	266	810	783	751	981	1,545	1,302	1,205	182	2,222	3,475	3,607	3,621	5,217	5,540	
Indonesia	266	2	66	(2)	(2)	26	11	10	2	1	(2)	1	(2)	1	4,224	
Kampuchea	643	2,371	3,160	4,190	4,685	5,116	5,528	5,116	1,442	2,883	3,716	4,077	4,077	4,147	5,637	
Korea, Republic of	8	4	(2)	1	(2)	1	1	(2)	(2)	72	1,318	1,519	1,519	2,146	2,577	
Lao	67	393	561	726	932	1,337	1,537	1,336	72	72	1,318	1,519	1,519	2,146	2,577	
Malaysia	325	372	293	495	529	642	642	700	80	49	84	84	84	174	185	

Philippines.....	832	876	1,041	1,570	1,989	1,787	1,854	472	756	1,110	1,207	1,490	1,731	1,964	1,806
Singapore.....	994	1,172	1,452	2,330	3,033	3,003	3,214	81	534	883	1,068	1,467	1,921	2,114	2,195
Sri Lanka.....	38	53	63	57	62	91	198	26	40	67	61	100	126	154	175
Thailand.....	150	357	510	629	961	1,170	915	100	346	439	600	816	946	946	884
Other and Special Category <sup>7</sup> .....	416	681	205	217	265	1,378	211	17	154	214	295	353	484	487	480
Oceania.....	1,189	2,340	3,484	4,319	4,876	6,436	5,700	871	1,508	1,728	2,350	3,072	3,332	3,353	3,131
Australia.....	986	1,815	2,912	3,617	4,093	5,242	4,535	611	1,147	1,185	1,659	2,164	2,509	2,465	2,287
New Zealand and W. Samoa.....	135	411	405	536	569	940	940	500	222	357	525	707	703	718	777
Other.....	68	114	116	143	169	254	254	265	38	116	186	201	180	170	67
Africa.....	1,580	4,946	5,546	5,887	6,299	9,060	11,097	10,271	1,113	8,299	17,121	16,898	24,382	34,410	27,071
Algeria.....	62	632	527	374	404	542	717	909	10	1,359	3,104	3,482	4,943	6,577	5,038
Angola.....	38	53	38	32	92	111	268	159	68	227	227	77	742	904	673
Cameroon.....	19	30	54	61	93	152	85	425	18	38	77	203	805	625	697
Central African Republic.....	1	1	1	1	1	1	1	1	5	4	7	5	9	9	5
Egypt.....	77	683	982	1,134	1,438	1,874	2,159	2,975	23	170	105	381	589	397	547
Ethiopia.....	26	70	58	24	103	72	62	43	67	49	94	99	109	87	102
Gabon.....	59	100	146	91	127	154	128	110	9	197	229	194	222	343	432
Ghana.....	59	146	126	91	127	154	116	91	151	214	215	225	206	246	362
Ivory Coast.....	36	78	89	93	128	185	130	97	92	157	300	415	563	288	344
Kenya.....	34	49	77	138	161	141	150	98	23	38	92	51	54	52	303
Liberia.....	46	90	91	108	107	113	128	113	51	96	106	133	136	128	91
Libya.....	108	232	314	425	468	508	813	301	39	1,045	3,817	3,779	5,255	5,955	5,301
Madagascar.....	7	7	7	9	61	7	16	24	32	46	76	106	69	91	63
Mauritania.....	4	14	9	8	7	27	20	26	1	(2)	1	1	(2)	(2)	1
Morocco.....	89	200	372	406	271	344	429	397	10	10	22	44	40	35	36
Mozambique.....	22	18	13	20	30	69	35	27	18	36	66	39	50	105	83
Nigeria.....	129	536	985	632	1,150	1,523	1,259	71	3,281	6,152	4,709	8,161	11,105	9,249	7,045
South Africa, Republic of.....	563	1,302	1,054	1,413	2,453	2,912	2,368	280	840	1,261	2,259	2,616	3,321	2,445	1,967
Sudan.....	7	103	87	157	1,03	1,413	1,142	2,08	12	8	18	14	16	17	16
Tanzania.....	12	66	39	48	36	62	48	41	24	29	80	81	46	32	29
Tunisia.....	49	90	111	83	175	173	222	213	3	26	11	21	95	60	10
Uganda.....	4	14	83	113	155	141	91	41	67	173	225	225	126	101	59
Zaire.....	62	188	114	83	113	155	141	91	41	67	102	116	121	423	407
Zambia.....	31	86	49	44	68	98	58	534	534	534	534	534	200	114	30
Other.....	89	251	312	359	405	549	549	549	519	519	519	519	519	923	1,139

<sup>1</sup> Represents zero. <sup>2</sup> Less than \$500,000. <sup>3</sup> Area values will not add to total. <sup>4</sup> Developed countries include Canada, United States, United Kingdom, France, Germany, Italy, Spain, Portugal, Greece, Austria, Switzerland, Belgium, Netherlands, Sweden, Norway, and Iceland. <sup>5</sup> Communist areas in Europe and Asia. <sup>6</sup> Assignment of countries generally follows members of EEC. <sup>7</sup> Prior to 1973, United Kingdom, Denmark, and Ireland; and as of 1981, Greece, became members of EEC. For consistency, data for all years are shown on same basis. <sup>8</sup> Includes Special Category exports, if any. <sup>9</sup> Prior to 1973, security regulations required that information on exports of Special Category commodities be excluded from the totals for certain countries. <sup>10</sup> Represents zero. <sup>11</sup> 1970-1975 and 1982 imports are customs value basis; f.o.s. basis other years. <sup>12</sup> 1970-1982 exports are f.a.s. basis other years. <sup>13</sup> 1970-1982 exports are customs value basis; f.o.s. basis other years. <sup>14</sup> Developed countries include rest of the world, excluding Communist areas in Europe and Asia. <sup>15</sup> Assignment of countries generally follows members of EEC. <sup>16</sup> Includes Special Category exports, if any.

Source: U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade, FT 990*, monthly, and unpublished data.

**NO. 1474. PERCENT DISTRIBUTION OF U.S. DOMESTIC EXPORTS AND GENERAL IMPORTS, BY BROAD COMMODITY GROUPS: 1960 TO 1982**

COMMODITY GROUP	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
<b>Exports:</b>												
Food and live animals.....	13.2	14.7	10.2	14.4	14.6	13.9	11.9	13.0	12.5	12.8	13.2	11.6
Beverages and tobacco.....	2.4	1.9	1.6	1.3	1.2	1.3	1.6	1.6	1.3	1.2	1.3	1.5
Crude materials, inedible <sup>1</sup> .....	13.7	10.5	10.8	11.3	9.2	9.6	11.0	11.0	11.6	11.0	9.2	9.3
Mineral fuels and related materials.....	4.1	3.5	3.7	3.5	4.2	3.7	3.5	2.8	3.1	3.7	4.5	6.1
Chemicals.....	8.7	8.8	9.0	9.1	8.2	8.8	9.1	8.9	9.7	9.6	9.3	9.6
Machinery and transport equipment.....	34.3	37.3	42.0	39.3	43.0	43.7	42.2	42.0	39.5	39.1	41.8	42.1
Other manufactured goods.....	18.7	18.0	17.9	17.0	15.6	15.7	16.0	16.1	16.2	17.8	16.3	15.8
<b>General imports:</b>												
Food and live animals.....	19.9	16.1	13.5	9.4	8.8	8.5	8.5	7.9	7.4	6.4	5.8	5.9
Beverages and tobacco.....	2.6	2.6	2.1	1.3	1.5	1.3	1.1	1.3	1.2	1.1	1.2	1.4
Crude materials, inedible <sup>1</sup> .....	18.3	14.5	8.3	6.0	5.8	5.8	5.7	5.4	5.2	4.3	4.3	3.5
Mineral fuels and related materials.....	10.5	10.4	7.7	25.4	27.5	28.2	30.2	24.5	29.1	33.9	31.2	26.8
Chemicals.....	5.3	3.6	3.6	4.0	3.8	4.0	3.4	3.7	3.6	3.5	3.6	3.9
Machinery and transport equipment.....	9.7	13.8	28.0	24.0	24.4	24.7	24.7	27.7	26.0	24.7	26.6	30.1
Other manufactured goods.....	30.3	35.1	33.3	27.1	24.9	25.0	23.8	26.9	24.8	22.9	24.3	25.1

<sup>1</sup> Excludes fuels.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

**NO. 1475. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1982**

(In millions of dollars. Totals and subtotals include data for commodities not shown separately. Beginning 1975, exports include nonmonetary gold. Commodity data beginning 1978 are not strictly comparable with previous years due to changes in export classifications; see source for changes. For 1977, adjustments have been made to the subtotals and to certain commodities to provide greater comparability with later years; and beginning 1980, includes trade of Virgin Islands with foreign countries (see footnotes for exception). "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 274-294.)

COMMODITY GROUP	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
<b>U.S. merchandise.....</b>	<b>27,178</b>	<b>42,590</b>	<b>106,561</b>	<b>113,666</b>	<b>119,005</b>	<b>141,126</b>	<b>178,578</b>	<b>216,668</b>	<b>228,961</b>	<b>207,158</b>
<b>Food and live animals.....</b>	<b>4,002</b>	<b>4,356</b>	<b>15,484</b>	<b>15,710</b>	<b>14,116</b>	<b>18,311</b>	<b>22,245</b>	<b>27,744</b>	<b>30,291</b>	<b>23,950</b>
Meat and preparations.....	162	175	528	798	797	958	1,127	1,293	1,482	1,285
Meat, fresh, chilled, or frozen.....	136	147	491	759	750	894	1,057	1,217	1,389	1,194
Dairy products and eggs.....	191	137	134	128	189	180	161	255	433	409
Grains and preparations.....	2,637	2,596	11,642	10,811	8,755	11,634	14,450	18,079	19,457	14,747
Wheat and wheat flour.....	1,184	1,112	5,293	4,040	2,883	4,532	5,491	6,588	8,073	6,869
Rice.....	244	314	858	629	730	929	850	1,285	1,526	997
Coarse grains.....	1,135	1,072	5,272	6,023	4,913	5,920	7,804	9,866	9,501	6,420
Corn.....	833	824	4,448	5,223	4,139	5,301	7,022	8,570	8,014	5,682
Grain sorghums.....	209	196	699	642	604	531	666	1,080	1,174	720
Fruits and nuts.....	339	406	871	976	1,080	1,335	1,525	1,938	1,883	1,778
Fruit, fresh.....	145	164	404	434	458	530	624	716	802	730
Vegetables.....	149	179	406	559	517	554	605	892	1,131	937
Feed for animals.....	278	497	987	1,358	1,572	1,921	2,317	2,978	2,739	2,473
<b>Beverages and tobacco.....</b>	<b>517</b>	<b>702</b>	<b>1,308</b>	<b>1,524</b>	<b>1,847</b>	<b>2,293</b>	<b>2,337</b>	<b>2,663</b>	<b>2,915</b>	<b>3,026</b>
Tobacco and manufactures.....	506	679	1,253	1,457	1,732	2,125	2,148	2,426	2,723	2,845
Leaf tobacco.....	378	481	852	922	1,094	1,358	1,184	1,334	1,457	1,547
Cigarettes.....	105	159	368	510	615	749	909	1,055	1,229	1,235
<b>Crude materials, inedible, exc. fuels.....</b>	<b>2,855</b>	<b>4,605</b>	<b>9,784</b>	<b>10,891</b>	<b>13,086</b>	<b>15,555</b>	<b>20,765</b>	<b>23,791</b>	<b>20,993</b>	<b>19,248</b>
Hides and skins, except fur skins.....	109	145	295	522	578	695	992	694	700	778
Soybeans.....	650	1,216	2,865	3,315	4,393	5,210	5,708	5,883	6,200	6,240
Synthetic rubber.....	161	176	261	329	327	369	578	695	624	553
Wood in the rough <sup>2</sup> .....	124	366	751	945	1,178	1,376	1,782	2,002	1,426	1,522
Wood shaped or simply worked.....	119	193	413	563	551	618	1,015	1,060	933	811
Lumber, softwood.....	94	162	342	471	444	452	778	653	576	
Woodpulp.....	190	464	875	844	875	817	1,104	1,652	1,661	1,415
Textile fibers and wastes.....	617	543	1,345	1,426	1,899	2,302	3,046	3,929	3,402	2,817
Raw cotton, excluding linters.....	486	372	991	1,049	1,530	1,740	2,198	2,864	2,260	1,955
Ores and metal scrap.....	435	940	1,355	1,284	1,290	1,839	3,325	4,518	2,718	2,174
Iron and steel scrap.....	197	447	780	634	413	698	1,142	1,226	639	610
Ores and scrap, nonferrous base.....	154	397	461	499	600	893	1,920	1,223	899	690
<b>Mineral fuels and related materials.....</b>	<b>947</b>	<b>1,595</b>	<b>4,470</b>	<b>4,226</b>	<b>4,184</b>	<b>3,881</b>	<b>5,616</b>	<b>7,982</b>	<b>10,279</b>	<b>12,729</b>
Coal.....	477	962	3,258	2,910	2,655	2,046	3,928	4,621	5,909	5,987
Petroleum and products.....	418	488	908	998	1,280	1,564	1,914	2,893	3,696	5,947
Lubricating oils.....	185	175	275	292	305	467	639	738	799	345
<b>Animal and vegetable oils and fats.....</b>	<b>472</b>	<b>493</b>	<b>944</b>	<b>978</b>	<b>1,309</b>	<b>1,521</b>	<b>1,845</b>	<b>1,946</b>	<b>1,750</b>	<b>1,541</b>
Tallow, inedible.....	179	176	299	377	504	516	655	677	645	572
Soybean oil.....	162	192	266	238	440	560	776	689	474	466

See footnotes at end of table.

## No. 1475. DOMESTIC EXPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1982—Continued

[In millions of dollars. See headnote, p. 838]

COMMODITY GROUP	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
<b>Chemicals and related products.....</b>	<b>2,403</b>	<b>3,826</b>	<b>8,691</b>	<b>9,959</b>	<b>10,812</b>	<b>12,623</b>	<b>17,306</b>	<b>20,740</b>	<b>21,187</b>	<b>19,890</b>
Chemical elements and compounds.....	970	1,642	3,623	4,408	4,811	5,297	7,704	2,106	2,285	1,969
Dyeing, tanning, coloring materials.....	93	137	244	310	352	386	450	490	524	494
Medicinal, pharmaceutical prod.....	256	420	866	997	1,081	1,404	1,581	1,832	2,165	2,275
Fertilizers, manufactured.....	153	178	1,083	613	704	1,091	1,404	2,265	1,735	1,386
Plastic materials and resins <sup>3</sup> .....	425	653	1,166	1,672	1,838	2,088	3,241	3,884	3,808	3,650
<b>Machinery and transport equip.....</b>	<b>10,139</b>	<b>17,882</b>	<b>45,668</b>	<b>49,501</b>	<b>50,248</b>	<b>59,268</b>	<b>70,491</b>	<b>84,628</b>	<b>85,736</b>	<b>87,148</b>
Machinery <sup>4</sup> .....	6,935	11,685	29,215	32,113	32,630	38,105	45,914	57,263	64,426	59,821
Power generating machinery .....	841	1,405	3,551	3,662	3,619	4,797	6,839	8,428	9,465	9,481
Agricultural machinery .....	219	182	704	707	717	844	1,088	1,295	1,420	1,127
Tractors and parts.....	646	750	2,126	2,223	2,084	2,316	2,720	2,150	2,296	1,760
Electronic computers, parts and accessories.....	256	1,236	2,228	2,588	3,264	4,359	5,671	7,763	8,741	9,159
Other office machines <sup>5</sup> .....	215	311	411	349	521	647	804	946	1,069	1,048
Metalworking machinery.....	332	396	922	953	730	1,188	1,391	1,756	2,158	1,611
Metalcutting machines.....	159	213	344	290	258	338	350	397	574	345
Textile, leather machinery.....	207	273	486	457	423	485	628	693	685	554
Construction, excavating, and maintenance equipment.....	324	434	1,277	1,381	1,352	1,318	1,234	2,076	2,189	1,553
Materials handling equipment.....	397	607	1,846	1,859	1,664	1,457	1,744	2,243	2,438	1,592
Air-conditioning and refrigerating equipment.....	210	397	928	1,055	1,245	1,562	1,468	1,523	1,694	1,487
Pumping equipment, incl. parts.....	143	241	543	606	630	729	893	1,091	1,248	1,246
Pipe valves and parts.....	111	196	458	518	548	610	657	829	936	854
Power machinery, switchgear.....	472	611	1,709	2,199	2,301	2,690	3,140	3,254	3,835	3,624
Generators, generating sets .....	149	117	548	800	889	569	487	619	745	686
Transforming, converting, transmission apparatus.....	120	156	417	487	518	609	553	914	1,116	1,325
Telecommunications apparatus.....	345	660	1,574	1,997	2,360	2,689	2,957	3,454	3,856	3,864
Radio, television apparatus.....	304	576	1,339	1,729	1,827	1,831	2,148	2,238	2,525	2,430
Domestic electrical equipment.....	116	119	359	463	523	610	666	786	841	673
Transport equipment <sup>6</sup> .....	3,204	6,197	16,452	17,888	17,819	21,163	24,577	27,386	31,310	26,668
Railway vehicles.....	138	91	482	392	305	305	384	452	498	433
Road motor vehicles, parts <sup>6</sup> .....	1,744	3,245	9,290	10,132	10,887	12,150	13,804	13,117	14,733	12,751
Automobiles, nonmilitary, new.....	393	822	2,852	3,228	3,568	3,573	4,611	3,919	3,919	2,860
Trucks and tractor trucks, commercial, new.....	279	452	1,712	1,509	1,513	1,504	1,583	1,467	1,618	1,186
Parts, accessories, commercial .....	875	1,803	3,620	4,213	4,673	5,682	6,147	6,058	7,395	6,939
Aircraft, parts, and accessories.....	1,130	2,656	6,136	6,104	5,874	8,204	9,719	12,816	14,738	11,775
Civilian aircraft .....	478	1,528	3,169	3,204	2,747	3,616	6,177	8,256	8,613	4,848
<b>Other manufactured goods.....</b>	<b>4,890</b>	<b>7,636</b>	<b>16,592</b>	<b>17,781</b>	<b>19,091</b>	<b>22,644</b>	<b>28,879</b>	<b>38,602</b>	<b>37,361</b>	<b>32,700</b>
Tires and tubes .....	166	185	544	491	338	280	353	511	584	372
Paper and manufactures.....	389	622	1,447	1,624	1,517	1,597	1,967	2,831	2,961	2,653
Paper and paperboard.....	325	526	1,131	1,291	1,162	1,187	1,430	2,162	2,192	1,877
Nonmetallic mineral mfrs., n.e.c.....	302	475	964	1,168	1,275	1,597	1,949	2,209	2,194	1,804
Metals and manufactures.....	1,787	2,978	5,661	5,180	5,149	6,101	7,926	12,071	10,244	8,243
Iron and steelmill products <sup>7</sup> .....	607	1,188	2,382	1,833	1,808	1,646	2,227	2,998	2,801	2,101
Plates and sheets.....	184	335	327	338	272	402	567	935	663	372
Tubes, pipes, and fittings.....	160	226	1,412	778	677	798	1,077	1,080	1,252	1,214
Silver bullion, refined .....	51	31	104	33	39	56	238	1,327	181	106
Nonferrous base metals.....	539	893	1,090	1,088	1,058	1,048	1,745	2,954	2,046	1,768
Copper .....	293	358	333	282	196	310	425	434	388	322
Aluminum .....	159	358	433	469	480	555	899	2,022	1,287	1,026
Metal manufactures, n.e.c.....	553	744	1,891	2,089	2,399	3,103	3,431	4,205	4,769	3,981
Tools for hand or machine.....	141	204	480	498	556	603	693	856	932	810
Textiles, other than clothing.....	528	603	1,624	1,971	1,970	2,225	3,189	3,632	3,619	2,784
Textile yarn and thread.....	131	145	298	374	417	370	621	753	902	711
Cotton broad-woven fabrics.....	98	103	376	499	438	426	626	566	349	253
Textile fabrics, woven, exc. cotton.....	135	151	386	423	399	472	721	832	797	522
Clothing.....	143	198	403	510	608	677	931	1,183	1,208	931
Professional, scientific, and controlling instruments <sup>8</sup> .....	480	957	1,792	1,951	3,241	3,904	4,289	5,256	5,960	6,003
Photographic supplies .....	130	250	606	703	813	1,073	1,227	1,507	1,501	1,396
Printed matter .....	226	327	548	607	668	812	956	1,097	1,297	1,341
<b>Other transactions.....</b>	<b>954</b>	<b>1,496</b>	<b>3,621</b>	<b>3,097</b>	<b>4,314</b>	<b>5,030</b>	<b>9,103</b>	<b>8,496</b>	<b>8,428</b>	<b>6,924</b>
Firearms of war and ammunition .....	644	682	1,361	1,261	1,617	1,951	1,854	2,006	2,165	3,261
Shipments of \$500 or less, estimates <sup>9</sup> .....	245	692	1,572	1,180	1,244	1,487	1,786	2,119	2,368	1,698

<sup>1</sup> Includes revisions not carried to commodity groups; therefore commodity groups will not add to total. <sup>2</sup> Beginning 1977, includes pulp wood chips, formerly classified in "Other manufactured goods" under "Wood and manufactures." <sup>3</sup> Beginning 1977, includes rubber materials, formerly classified in "Other manufactured goods" under "Rubber manufactures." <sup>4</sup> Includes parts for tractors. <sup>5</sup> Beginning 1978, includes photocopy apparatus, formerly classified in "Other manufactured goods" under "Photographic and motion picture equipment." <sup>6</sup> Excludes parts for tractors. <sup>7</sup> Excludes pig iron. <sup>8</sup> Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, and controlling instruments"; formerly classified under "Machinery." <sup>9</sup> For 1965, data are estimates for shipments of \$100 or less.

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports*, U.S. Foreign Trade, annual. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, FT 410 monthly.

## NO. 1476. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1982

[In millions of dollars. Imports for the years 1965, 1970 and 1982 are customs value basis; other years are free alongside ship (f.a.s.) value basis. Totals and subtotals include value of commodities not shown separately. Beginning 1980, includes trade of Virgin Islands with foreign countries. "N.e.c." means not elsewhere classified. See also *Historical Statistics, Colonial Times to 1970*, series U 295-316.]

COMMODITY	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
<b>General Imports.</b>	<b>21,427</b>	<b>39,952</b>	<b>96,573</b>	<b>121,009</b>	<b>147,885</b>	<b>171,978</b>	<b>206,326</b>	<b>244,871</b>	<b>261,305</b>	<b>243,952</b>
C.i.f. values <sup>1</sup>	(NA)	42,429	103,389	129,565	157,560	183,093	218,927	256,984	273,352	254,884
<b>Food and live animals.</b>	<b>3,460</b>	<b>5,375</b>	<b>8,503</b>	<b>10,267</b>	<b>12,558</b>	<b>13,522</b>	<b>15,171</b>	<b>15,766</b>	<b>15,238</b>	<b>14,463</b>
Cattle, except for breeding	98	111	77	159	186	250	249	228	182	289
Meat and preparations	426	1,014	1,141	1,447	1,276	1,856	2,539	2,345	1,996	2,075
Meat, fresh or frozen	231	647	640	840	743	1,242	1,896	1,766	1,150	1,525
Ham, shoulders, and bacon <sup>2</sup>	132	241	397	434	386	445	395	336	325	349
Fish	469	794	1,356	1,855	2,056	2,212	2,639	2,612	2,962	3,143
Fruits and nuts	339	447	638	760	957	1,126	1,324	1,245	1,804	1,774
Bananas	162	186	220	277	305	350	383	416	542	581
Vegetables	139	289	355	426	593	711	737	802	983	1,042
Sugar	443	725	1,865	1,154	1,076	723	974	1,987	2,142	863
Coffee, green	1,058	1,160	1,581	2,632	3,910	3,728	3,820	3,872	2,622	2,730
Cocoa or cacao beans	120	201	321	358	482	667	555	395	466	323
Tea	67	53	88	96	176	115	126	131	133	129
<b>Beverages and tobacco.</b>	<b>553</b>	<b>855</b>	<b>1,419</b>	<b>1,624</b>	<b>1,669</b>	<b>2,221</b>	<b>2,566</b>	<b>2,784</b>	<b>3,138</b>	<b>3,364</b>
Alcoholic beverages	426	725	1,033	1,174	1,267	1,744	2,013	2,232	2,399	2,513
Tobacco, unmanufactured	121	111	343	392	322	396	436	422	427	445
<b>Crude materials, inedible, except fuels.</b>	<b>3,102</b>	<b>3,307</b>	<b>5,566</b>	<b>7,014</b>	<b>8,486</b>	<b>9,294</b>	<b>10,650</b>	<b>10,516</b>	<b>11,193</b>	<b>8,589</b>
Hides and skins, except for skins	80	51	78	89	97	106	139	88	101	71
Fur skins, undressed	113	59	79	101	122	142	183	143	168	127
Rubber, including latex	182	231	353	513	642	840	1,058	980	980	795
Lumber, softwood	318	439	797	1,355	1,972	2,595	2,727	1,984	1,880	1,636
Lumber, hardwood	67	61	69	97	124	141	183	145	149	98
Woodpulp	399	480	1,032	1,237	1,213	1,126	1,506	1,725	1,778	1,485
Textile fibers and wastes	435	202	174	249	222	248	291	242	343	264
Wool and other animal hair	282	116	73	123	117	147	134	146	210	152
Industrial diamonds	56	39	42	46	62	69	116	119	118	80
Asbestos, unmanufactured	70	75	117	149	152	162	144	97	108	65
Ores and metal scrap	971	1,149	1,978	2,251	2,742	2,813	3,247	3,715	3,838	2,684
Iron ore and concentrates	444	480	884	982	951	845	923	773	951	497
Silver ore and base bullion	56	49	99	75	84	106	166	342	250	176
Nonferrous base metals <sup>3</sup>	421	522	783	995	1,382	1,556	1,872	2,291	1,722	1,552
Bauxite, crude	143	165	267	330	426	415	410	432	443	383
<b>Mineral fuels and related materials.</b>	<b>2,221</b>	<b>3,075</b>	<b>26,476</b>	<b>33,996</b>	<b>44,537</b>	<b>42,098</b>	<b>60,061</b>	<b>82,924</b>	<b>81,417</b>	<b>65,409</b>
Petroleum and products	2,092	2,764	24,814	31,794	41,756	39,104	56,046	77,637	75,577	59,396
Petroleum, crude and partly refined	1,215	1,448	19,293	26,384	33,910	32,134	46,100	65,717	61,940	45,862
Petroleum products	877	1,316	5,521	5,411	7,845	6,970	9,946	11,920	13,637	13,535
Natural gas	105	258	1,081	1,619	1,841	2,000	2,765	5,155	5,720	5,834
<b>Animal and vegetable oils and fats.</b>	<b>116</b>	<b>160</b>	<b>554</b>	<b>464</b>	<b>531</b>	<b>511</b>	<b>740</b>	<b>533</b>	<b>479</b>	<b>406</b>
<b>Chemicals and related products.</b>	<b>769</b>	<b>1,450</b>	<b>3,696</b>	<b>4,772</b>	<b>4,970</b>	<b>6,430</b>	<b>7,485</b>	<b>8,593</b>	<b>9,446</b>	<b>9,493</b>
Organic chemicals	160	365	1,027	1,193	1,438	1,735	2,159	2,541	2,974	2,960
Inorganic chemicals <sup>4</sup>	158	371	835	937	1,171	1,827	2,059	2,313	2,359	2,645
Medicinal and pharmaceutical products	58	87	235	269	313	450	441	509	583	563
Fertilizers, manufactured	112	192	626	683	829	869	976	1,104	1,181	963
<b>Machinery and transport equipment.</b>	<b>2,948</b>	<b>11,172</b>	<b>23,457</b>	<b>29,824</b>	<b>36,407</b>	<b>47,590</b>	<b>53,678</b>	<b>60,558</b>	<b>69,827</b>	<b>73,320</b>
Machinery	1,800	5,375	11,970	15,446	18,837	24,752	28,530	32,286	38,546	39,684
Engines and parts	195	782	1,615	1,934	2,137	2,886	3,004	1,866	2,251	2,611
Agricultural machinery	156	173	474	496	499	489	698	886	639	485
Tractors and parts	93	175	571	554	630	848	1,197	1,049	948	757
Office machines	136	505	1,052	1,341	1,568	2,254	2,500	2,929	3,563	4,299
Metalworking machinery	63	164	361	382	435	947	1,123	1,425	1,613	1,468
Textile and leather machinery	157	361	518	636	639	877	830	889	974	924
Power machinery and switch-gear	67	247	550	758	970	1,291	1,708	2,039	2,378	2,547
Telecommunications apparatus	314	1,102	2,077	3,655	4,954	6,136	6,175	6,716	8,910	9,051
Electron tubes, transistors, semiconductor devices, and parts	63	224	899	1,223	1,490	1,942	2,719	3,592	3,959	4,524
Transport equipment	1,146	5,798	11,487	14,378	17,571	22,838	25,148	28,260	31,415	33,835
Automobiles and parts	810	5,068	9,921	13,104	15,844	20,631	22,053	24,015	26,113	29,218
Automobiles, new	658	3,722	7,124	8,928	10,633	13,646	14,813	16,776	17,540	19,757
Motorcycles	134	307	707	485	641	892	908	1,149	1,263	1,018
Aircraft and parts	140	274	519	434	603	602	1,078	1,885	2,595	2,481
Other manufactured goods	7,528	13,285	23,927	30,179	35,176	46,298	51,071	55,970	63,471	61,209
Leather manufactures and dressed furs	87	118	132	247	236	353	426	393	567	523
Rubber tires and tubes	45	205	475	738	851	923	1,136	1,143	1,331	1,239
Wood manufactures (excl. furniture)	270	409	573	827	1,032	1,240	1,391	1,133	1,199	991
Paper and manufactures	870	1,087	1,673	2,103	2,402	2,923	3,356	3,587	3,874	3,848
Newsprint	790	930	1,427	1,742	1,879	2,101	2,322	2,685	2,871	2,749
Construction materials <sup>4</sup>	71	106	186	203	292	472	636	550	565	507
Glass, glassware, and pottery	168	338	531	653	785	1,047	1,097	1,229	1,349	1,351
Diamonds, excluding industrial	308	433	730	1,018	1,452	1,973	1,862	2,252	2,198	1,917

See footnotes at end of table.

## NO. 1476. GENERAL IMPORTS, BY SELECTED COMMODITY GROUPS: 1965 TO 1982—Continued

[In millions of dollars. See headnote, p. 840]

COMMODITY	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982
<b>Other manufactured goods—Con.</b>										
Metals and manufactures.....	2,874	4,505	8,944	9,898	12,278	15,714	17,457	18,717	22,333	19,227
Pig iron and ferroalloys.....	94	78	558	538	528	573	702	678	663	428
Iron and steelmill products.....	1,140	1,952	4,037	3,809	5,302	6,681	6,764	6,692	10,347	9,184
Bars, rods, shapes, and pilings .....	377	486	930	848	1,126	1,365	1,524	1,420	1,747	1,469
Plates and sheets.....	475	906	1,680	1,795	2,708	3,329	3,071	2,505	2,998	2,542
Steel wire.....	78	119	225	211	283	341	320	293	288	242
Tubes, pipes, and fittings.....	144	349	1,008	792	971	1,376	1,543	2,183	4,836	4,466
Nonferrous base metals.....	1,198	1,502	2,083	2,941	3,380	4,367	4,678	5,182	5,270	4,018
Copper.....	425	532	419	777	855	1,069	984	1,470	1,279	988
Nickel.....	189	317	456	524	532	676	635	885	868	568
Aluminum.....	264	238	415	554	766	1,115	1,029	974	1,355	1,336
Lead.....	61	74	49	64	163	173	226	91	90	57
Tin.....	167	190	315	329	458	598	720	776	644	378
Silver, refined bullion.....	7	53	274	289	313	325	842	1,329	837	786
Platinum group metals.....	69	98	244	271	252	430	800	1,107	742	512
Metal manufactures, n.e.c.....	367	825	1,769	2,051	2,503	3,333	3,671	3,732	4,170	4,294
Textiles, other than clothing.....	800	1,135	1,219	1,635	1,755	2,200	2,216	2,499	3,046	2,807
Textile yarn and thread.....	66	223	128	192	225	246	167	194	231	260
Cotton fabrics, woven.....	134	173	219	390	345	427	380	433	607	489
Textile fabrics, woven, exc. cotton <sup>5</sup> .....	423	499	433	521	569	719	775	408	572	533
Twine and cordage.....	48	35	123	82	78	78	112	114	104	82
Floor coverings.....	45	53	68	120	145	200	264	283	306	277
Clothing.....	541	1,269	2,552	3,634	4,100	5,657	5,876	6,490	7,537	8,165
Footwear.....	160	629	1,275	1,686	1,806	2,585	2,859	2,809	3,019	3,437
Professional, scientific, photographic, and controlling instruments.....	178	356	726	969	1,292	981	1,159	2,654	3,701	3,132
Clocks and watches.....	100	184	426	627	722	947	946	1,127	1,275	991
Musical instruments, sound recorders and reproducers, and parts <sup>7</sup> .....	157	505	781	1,216	285	423	469	487	621	729
Printed matter.....	77	160	284	322	340	479	529	613	622	684
Articles of plastic and rubber, n.e.c.....	71	236	429	602	606	744	871	916	1,006	1,102
Toys, games, and sporting goods.....	155	427	633	903	1,155	1,374	1,591	1,836	2,075	2,698
Artworks and antiques.....	141	162	677	580	720	1,312	1,487	2,672	2,056	2,024
Other transactions.....	730	1,274	2,518	2,538	3,336	4,018	4,905	7,225	7,296	7,708

NA Not available. <sup>1</sup> Value on a cost, insurance, and freight basis; cost (to the U.S. importer) of commodities at port of exportation plus insurance and freight to U.S. customs port of entry. 1970 is estimated. <sup>2</sup> Canned, cooked, and boned.

<sup>3</sup> Prior to 1977, alumina is included under chemicals; thereafter, classified in crude materials. <sup>4</sup> Materials of lime, cement, and clay. <sup>5</sup> Excludes narrow or special fabrics. <sup>6</sup> Beginning 1977, electric measuring and controlling instruments are included in "Other manufactured goods" under "Professional, scientific, photographic, and controlling instruments"; prior to 1977, classified under "Machinery." <sup>7</sup> Beginning 1977, sound recorders included in "Machinery."

Source: U.S. Dept. of Commerce, International Trade Administration, *Overseas Business Reports, U.S. Foreign Trade*, annual. Also in U.S. Bureau of the Census, *Highlights of U.S. Export and Import Trade*, Report FT 990, monthly.

## NO. 1477. IMPORTS FOR CONSUMPTION—VALUES AND DUTIES: 1950 TO 1982

[Imports are on customs value basis. Beginning 1965, includes uranium, thorium, and related products; beginning 1970, includes silver ores and bullion, and beginning 1980, includes trade of Virgin Islands with foreign countries. For basis of dollar values and for area coverage, see text, p. 817. See also *Historical Statistics, Colonial Times to 1970*, series U 207-212.]

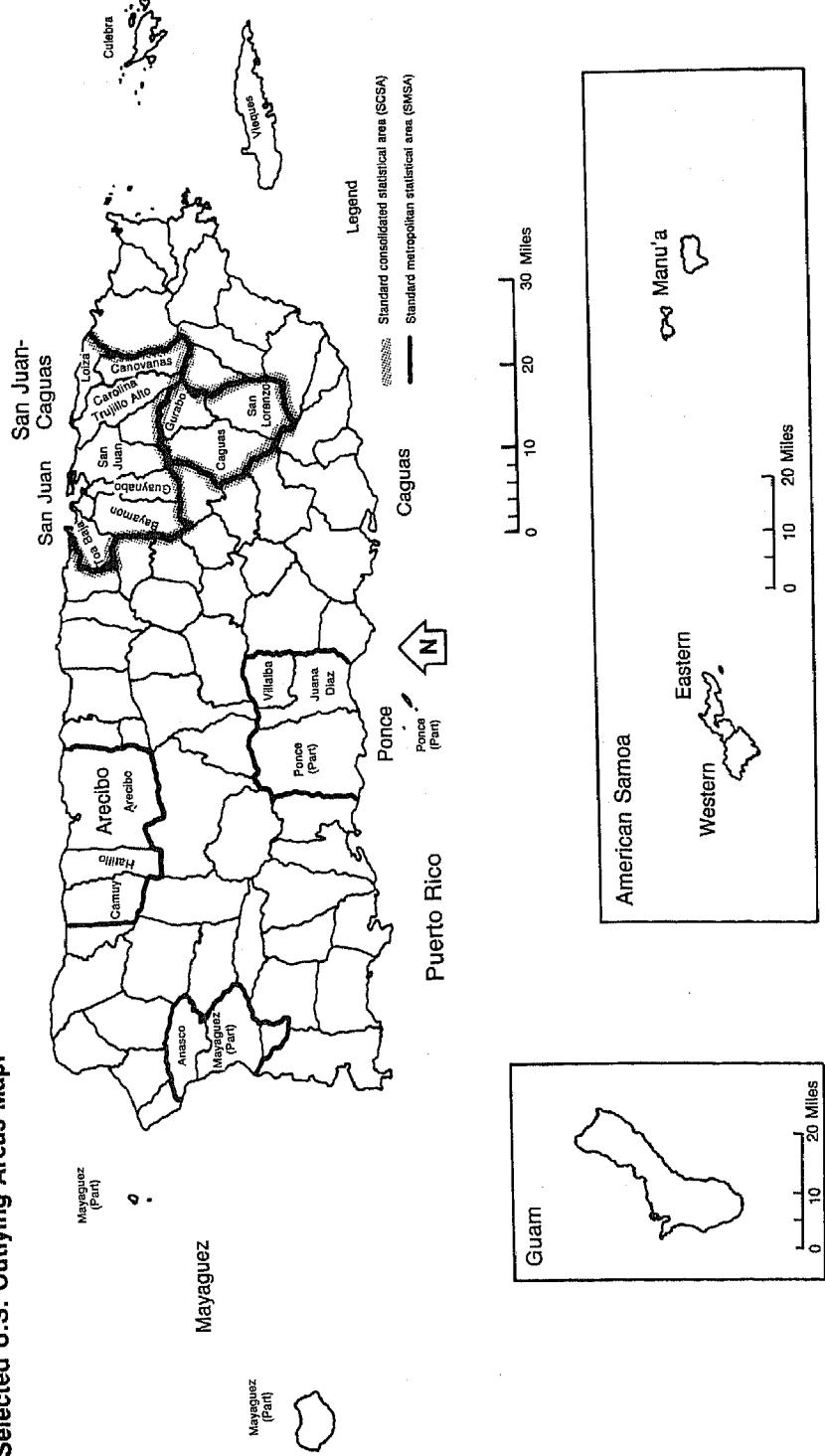
YEAR	VALUES				Duties calculated <sup>1</sup> (mil. dol.)	RATIO OF DUTIES TO VALUES		Duties per capita <sup>2</sup> (dollar)
	Total (mil. dol.)	Free (mil. dol.)	Dutiable (mil. dol.)	Percent free		Total imports (percent)	Dutiable imports (percent)	
1950.....	8,743	4,767	3,976	55	522	8	13	3.43
1955.....	11,337	6,037	5,300	53	633	6	12	3.82
1960.....	14,650	5,780	8,870	39	1,084	7	12	6.00
1965.....	21,283	7,434	13,849	35	1,643	8	12	8.46
1970.....	39,756	13,870	25,886	35	2,584	6	10	12.60
1971.....	45,516	15,286	30,230	34	2,767	6	9	13.32
1972.....	55,290	18,915	36,375	34	3,124	6	9	14.88
1973.....	69,024	28,258	40,766	41	3,620	5	8	17.08
1974.....	100,140	52,052	48,088	52	3,771	4	8	17.63
1975.....	96,516	31,030	65,486	32	3,780	4	6	17.50
1976.....	121,121	37,190	83,931	31	4,675	4	6	21.44
1977.....	147,075	43,633	103,442	30	5,495	4	5	24.91
1978.....	<sup>3</sup> 172,912	51,827	121,125	30	7,162	4	6	32.17
1979.....	<sup>3</sup> 205,850	103,278	102,645	50	7,202	3	7	31.99
1980.....	<sup>3</sup> 244,007	106,992	132,961	45	7,535	3	6	33.09
1981.....	259,012	76,338	182,674	29	8,893	3	5	38.70
1982.....	242,340	75,856	166,484	31	8,688	4	5	37.43

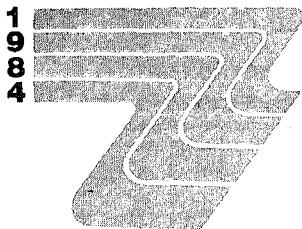
<sup>1</sup> 1950 and 1955 data from U.S. Bureau of Customs. Customs duties (including import excise taxes) calculated on the basis of reports of quantity and value of imports of merchandise entered directly for consumption or withdrawn from bonded customs warehouses. <sup>2</sup> Based on estimated population including Armed Forces abroad as of July 1. <sup>3</sup> Total includes revisions not carried to free and dutiable values.

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States, Quarterly Summary of Foreign Commerce of the United States; Highlights of U.S. Export and Import Trade*, FT 990, monthly; and unpublished data.

## Outlying Areas

**Figure 32.1  
Selected U.S. Outlying Areas Map.**





# Outlying Areas Under Jurisdiction of the United States

This section presents summary economic and social statistics for the Commonwealth of Puerto Rico, the principal territories of the United States (Virgin Islands, Guam, and American Samoa) and, wherever possible, the Trust Territory of the Pacific Islands and the Northern Mariana Islands.

Primary sources are the decennial censuses of population and housing, and the censuses of agriculture, business, manufactures, and construction (taken every five years) conducted by the Bureau of the Census; the annual *Vital Statistics of the United States*, issued by the National Center for Health Statistics; and the annual *Income and Product* of the Puerto Rico Planning Board, San Juan.

**Jurisdiction.**—The United States gained jurisdiction over these areas as follows:

The islands of *Puerto Rico* and *Guam*, surrendered by Spain to the United States in October 1898, were ceded to the United States by the Treaty of Paris, ratified in 1899. *Puerto Rico* became a commonwealth on July 25, 1952, thereby achieving a high degree of local autonomy under its own constitution. The *Virgin Islands*, comprising 50 islands and cays, were purchased by the United States from Denmark in 1917. *American Samoa*, a group of 7 islands, was acquired by the United States in accordance with a convention among the United States, Great Britain, and Germany, ratified in February 1900.

The *Trust Territory of the Pacific Islands* comprises 2,141 atolls and islands, about 96 of which are inhabited. By an agreement approved by the Security Council and the United States in 1947, this territory, formerly under Japanese mandate, has been administered by the United States since July 1947 under the United Nations trusteeship system. The Northern Mariana Islands are in the process of becoming a Commonwealth. Some data, formerly included in the *Trust Territory of the Pacific Islands*, are now shown separately. The other districts of the Trust Territory are negotiating relationships of free association with the United States. Where negotiations are completed, subject to the approval of the U.S. Congress and the United Nations, the trusteeship will be dissolved.

For a brief summary of U.S. territorial development, see tables 5 and 339.

**Censuses.**—Because characteristics of the outlying areas differ, the presentation of census data for them is not uniform. The 1960 Census of Population covered all of the places listed above except the Trust Territory of the Pacific Islands (the census of which was conducted in April 1958 by the Office of the High Commissioner), whereas the 1960 Census of Housing also excluded American Samoa. The 1970 and 1980 Censuses of Population and Housing covered all five areas. The 1959 and 1969 Censuses of Agriculture covered Puerto Rico, American Samoa, Guam, and the Virgin Islands; the 1964 and 1974 censuses covered the same areas except American Samoa; and the 1978 census covered the same areas including American Samoa and the Northern Mariana Islands. Beginning in 1967, Congress authorized the economic censuses, to be taken at 5-year intervals, for years ending in 2 and 7. Prior economic censuses were conducted in Puerto Rico for 1954, 1958, and 1963, and in Guam and the Virgin Islands for 1958 and 1963. In 1972, the census of construction industries was added for the first time for these three areas.

**Information in other sections.**—In addition to the statistics presented in this section, other data are included as integral parts of many tables showing distribution by States in various sections of the *Abstract*. See "Outlying areas of the United States" in the Index. For definition and explanation of terms used, see section 1, Population; section 5, Education; section 24, Agriculture; section 28, Construction and Housing; section 29, Manufactures; and section 30, Domestic Trade and Services.

## Outlying Areas

## NO. 1478. ESTIMATED RESIDENT POPULATION, BY AREA: 1950 TO 1982

[In thousands. As of July 1. Includes estimates of Armed Forces stationed in area]

AREA	1950	1960	1970	1975	1980	1982	AREA	1950	1960	1970	1975	1980	1982
Puerto Rico.....	2,218	2,382	2,716	2,933	3,206	3,261	Trust Territory of the Pacific Islands <sup>1</sup> .....						
American Samoa.....	19	20	27	30	32	34	No. Mariana Is. <sup>1</sup> .....	57	77	89	105	116	120
Guam.....	60	66	86	102	107	111	(NA)	(NA)	12	15	17	18	
Virgin Islands.....	27	32	63	94	98	102							

NA Not available. <sup>1</sup> Data consistent with apportionment census of September 1973 which showed a total population of 14,333 for the Marianas and 114,982 for the Trust Territory. (Excludes 4,482 for Kwajalein Missile Range Facility and 258 with residence not specified.) <sup>2</sup> Prior to 1970, the Trust Territory estimates include the Northern Mariana Islands; beginning with 1970, they exclude them.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 80, 336, and 919, and forthcoming report.

## NO. 1479. ESTIMATES OF COMPONENTS OF POPULATION CHANGE, BY AREA: 1960 TO 1970 AND 1970 TO 1982

[In thousands, except percent. Resident population, including Armed Forces stationed in area. See table 5 for population totals. Minus sign (–) indicates decrease. For explanation of methodology, see sources]

AREA	APRIL 1, 1960 TO APRIL 1, 1970					APRIL 1, 1970 TO JULY 1, 1982				
	Net increase		Births	Deaths	Net migration <sup>1</sup>	Net change		Births	Deaths	Net migration <sup>1</sup>
	Number	Percent				Number	Percent			
Puerto Rico.....	362.0	15.4	734.0	172.0	-200.0	549.3	20.3	903.6	241.1	-113.2
American Samoa.....	7.1	35.4	10.1	1.3	-1.7	6.6	24.4	13.2	1.7	-4.8
Guam.....	18.0	26.8	25.6	3.4	-4.2	25.8	30.4	37.3	5.0	-5.5
Virgin Islands.....	30.4	94.6	18.6	3.9	15.7	39.1	62.6	32.2	6.2	13.1
Trust Territory of the Pacific Islands <sup>2,3</sup> .....	420.3	28.6	30.9	4.8	-5.7	31.9	36.1	42.5	6.2	(8)
No. Mariana Islands <sup>2</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	5.5	45.4	6.8	1.1	(5)

NA Not available. <sup>1</sup> Includes error of closure (the amount necessary to make the components of change add to the net change between censuses). <sup>2</sup> See footnote 1, table 1478. <sup>3</sup> The components shown for April 1, 1960 to April 1, 1970 include the Northern Mariana Islands, while those for April 1, 1970 to July 1, 1982 exclude them. <sup>4</sup> Census taken in 1958, not 1960. <sup>5</sup> Migration is derived as a residual. Because part of the residual migration in these areas reflects under-registration of vital statistics, migration figures are not shown.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 80 and 336, and unpublished data.

## NO. 1480. POPULATION, BY AGE AND AREAS, 1960 TO 1980, AND BY SEX, 1980

[In thousands, except median age. As of April 1, except as indicated. For population totals, see table 5. For definition of median, see Guide to Tabular Presentation]

AREA, YEAR, AND SEX	Total, all ages	Under 5 yr.	5-13 yr.	14- 17 yr.	18- 20 yr.	21- 24 yr.	25- 34 yr.	35- 44 yr.	45- 54 yr.	55- 64 yr.	65 yr. and over	18 yr. and over	Medi- an age (years)
Puerto Rico: 1960.....	2,349.5	354.4	588.7	220.8	123.6	134.1	262.9	238.0	180.8	123.9	122.2	1,185.6	18.5
1970, total.....	2,712.0	318.1	605.5	251.0	158.7	182.8	339.3	274.0	227.5	179.0	177.1	1,537.4	21.6
1980, total.....	3,196.5	340.7	597.0	283.4	184.3	213.6	465.9	359.5	274.8	224.5	252.6	1,975.5	24.6
Male.....	1,556.7	173.2	304.1	143.3	89.9	101.0	218.2	168.5	129.5	107.8	120.1	936.1	23.7
Female.....	1,639.8	167.4	292.9	140.1	94.4	112.5	247.7	180.4	145.3	116.7	132.4	1,039.4	25.5
American Samoa: 1960.....	20.1	3.7	5.7	2.1	1.0	1.1	2.3	1.8	1.2	.7	.5	8.6	15.2
1970, total.....	27.2	4.7	7.5	2.6	1.6	1.6	3.2	2.4	1.8	1.0	.7	12.3	16.1
1980, total.....	32.3	4.8	7.6	3.2	2.2	2.3	4.5	3.1	2.3	1.4	.9	16.7	18.8
Male.....	16.4	2.5	4.0	1.6	1.0	1.1	2.2	1.7	1.2	.7	.5	8.3	18.4
Female.....	15.9	2.3	3.6	1.6	1.2	1.3	2.3	1.4	1.1	.7	.5	8.4	19.2
Guam: 1960.....	67.0	10.8	15.2	3.6	4.3	5.0	12.2	8.6	4.4	1.9	1.1	37.4	20.8
1970, total.....	85.0	11.6	20.1	6.8	5.4	8.0	12.6	10.3	5.8	2.8	1.5	46.4	20.4
1980, total.....	106.0	13.0	21.7	8.9	6.7	8.8	19.6	11.3	8.2	4.8	3.0	62.4	22.3
Male.....	55.3	6.6	11.1	4.6	3.8	4.7	10.0	6.0	4.4	2.6	1.4	33.0	22.4
Female.....	50.7	6.4	10.6	4.3	2.9	4.1	9.6	5.3	3.8	2.2	1.6	29.4	22.1
Virgin Islands: 1960.....	32.1	4.9	7.1	2.7	1.4	1.7	3.9	3.5	2.8	1.9	2.2	17.3	20.7
1970, total.....	62.5	8.3	12.8	4.4	3.2	4.9	11.4	7.1	5.0	3.0	2.4	37.0	23.0
1980, total.....	96.8	10.7	21.4	9.7	4.7	5.1	14.8	12.6	7.6	5.5	4.5	54.8	22.5
Male.....	46.2	5.4	10.7	4.8	2.2	2.2	6.6	6.0	3.6	2.6	2.0	25.3	21.1
Female.....	50.4	5.3	10.7	4.9	2.4	2.9	8.2	6.6	4.1	2.9	2.5	29.4	23.6
Trust Territory of the Pacific Islands:													
1970, total.....	81.3	13.8	20.9	7.9	4.7	4.6	8.4	7.6	6.2	3.9	3.0	38.6	17.1
1980, total <sup>1</sup> .....	116.1	21.0	30.4	10.5	7.0	7.8	15.1	8.0	6.7	5.4	4.2	54.2	16.5
Male <sup>1</sup> .....	59.5	10.9	15.9	5.4	3.6	3.8	7.6	4.0	3.4	2.7	2.0	27.3	16.1
Female <sup>1</sup> .....	56.6	10.0	14.5	5.2	3.4	4.0	7.4	4.0	3.3	2.6	2.2	26.9	16.9
Northern Mariana Islands:													
1970, total.....	9.6	1.8	2.7	1.0	.6	.6	.9	.7	.6	.4	.2	4.1	15.2
1980, total.....	16.8	2.5	3.9	1.5	.9	1.2	2.8	1.7	1.2	.7	.5	8.9	19.7
Male.....	8.8	1.3	2.0	.7	.5	.6	1.5	1.0	.7	.4	.2	4.9	20.9
Female.....	8.0	1.2	2.0	.8	.5	.6	1.3	.6	.4	.3	.3	4.0	18.5

<sup>1</sup> As of September 15, 1980.Source: U.S. Bureau of the Census, *Census of Population: 1960*, vol. I; *1970*, vol. I, *Characteristics of the Population*, parts 63-58; and unpublished data.

## NO. 1481. LAND AREA AND POPULATION CHARACTERISTICS, BY AREA: 1980

[As of April 1. See also table 339 for gross area (land and water). For definition of median, see Guide to Tabular Presentation]

ITEM	Puerto Rico	American Samoa	Guam	Virgin Islands	Trust Territory of the Pacific Islands	Northern Mariana Islands
Land area (sq. miles) .....	3,459	77	209	132	533	184
<b>Total resident population</b> .....	<b>3,195,520</b>	<b>32,297</b>	<b>105,979</b>	<b>96,569</b>	<b>116,149</b>	<b>18,780</b>
Per square mile .....	924.1	419.4	507.1	731.6	217.9	91.2
Percent Increase, 1970-1980 .....	17.9	18.9	24.7	54.6	42.9	74.1
Urban .....	2,134,365	5,660	41,875	37,730	35,153	2,678
Rural .....	1,062,155	26,837	64,104	58,839	80,996	14,102
Male .....	1,556,727	16,384	55,321	46,204	59,527	8,817
Female .....	1,639,793	15,913	50,658	50,365	56,622	7,963
Males per 100 females .....	94.9	103.0	109.2	91.7	105.1	110.7
Median age (years) .....	24.6	18.8	22.3	22.5	16.5	19.7
Male (years) .....	23.7	18.4	22.4	21.1	16.1	20.9
Female (years) .....	25.5	19.2	22.1	23.6	16.9	18.5
School years completed, persons 25 years old and over .....	1,577,682	(NA)	46,906	44,986	(NA)	6,760
Elementary: 0-8 years .....	753,742	(NA)	9,973	15,997	(NA)	2,886
High school:						
1-3 years .....	200,269	(NA)	6,157	6,475	(NA)	851
4 years or more .....	332,770	(NA)	14,653	11,543	(NA)	1,543
College .....	290,901	(NA)	16,123	10,971	(NA)	1,480
<b>Marital status, persons 15 years old and over</b> .....	<b>2,187,246</b>	<b>19,090</b>	<b>69,007</b>	<b>61,791</b>	<b>61,795</b>	<b>9,975</b>
Single .....	613,024	7,408	20,675	22,376	19,792	3,462
Married <sup>1</sup> .....	1,320,193	10,571	44,041	32,204	37,783	5,977
Widowed or divorced .....	254,029	1,113	4,291	7,211	4,220	536
<b>Households and families:</b>						
Population in households .....	3,176,511	31,963	101,000	95,949	115,039	16,234
Number of households .....	636,565	4,513	24,834	28,329	16,432	3,028
Population per household .....	4.99	7.08	4.07	3.39	7.00	5.36
Families .....	753,836	4,287	21,780	20,855	15,578	2,652
Husband-wife families .....	580,326	3,475	18,473	13,612	12,363	2,113

NA Not available. <sup>1</sup> Includes consensually married couples and separated couples.

Source: U.S. Bureau of the Census, unpublished data.

## NO. 1482. POPULATION, BY PLACE OF BIRTH, PERIOD OF IMMIGRATION OF FOREIGN-BORN, AND CITIZENSHIP STATUS—BY AREA: 1970

[As of April 1]

ITEM	American Samoa	Guam	Virgin Islands	Trust Territory of the Pacific Islands	Northern Mariana Islands
<b>Total resident population</b> .....	<b>27,159</b>	<b>84,996</b>	<b>62,468</b>	<b>81,300</b>	<b>9,640</b>
Native-born, total .....	21,286	71,512	41,140	80,406	9,485
Percent of total .....	78.4	84.1	65.9	88.9	98.4
Born in U.S. ....	1,211	23,934	8,058	3,132	372
Born in a U.S. territory .....	20,067	47,472	29,068	77,272	9,113
Born in Puerto Rico .....	8	106	4,014	2	—
Foreign-born, total <sup>1</sup> .....	5,873	13,484	21,328	894	155
Percent of total .....	21.6	15.9	34.1	1.1	1.6
Europe .....	43	821	847	79	9
Asia .....	4,583	11,391	225	306	122
Americas, other than U.S. ....	20	228	18,984	33	4
Other .....	1,021	120	94	70	9
By period of immigration:					
Before 1950 .....	700	879	1,047	55	17
1950-1959 .....	788	1,255	1,554	274	3
1960-1970 .....	4,385	11,350	18,727	565	135
By citizenship status:					
Naturalized .....	149	3,491	2,165	374	38
Permanent alien .....	4,331	5,027	7,619	263	32
Temporary alien .....	1,336	4,045	11,309	188	55
Born abroad of American parents .....	57	921	235	69	30

— Represents zero. <sup>1</sup> Includes foreign-born persons for whom country was not reported.Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, *Characteristics of the Population*, parts 54-58.

## Outlying Areas

## NO. 1483. VITAL STATISTICS—SPECIFIED AREAS: 1950 TO 1980

[Births, deaths, and infant deaths by place of residence; marriages and divorces by place of occurrence. Rates for 1950, 1960, 1970, and 1980 based on population enumerated as of April 1; for all other years, on population estimated as of July 1]

AREA AND YEAR	BIRTHS		DEATHS		INFANT DEATHS		MARRIAGES		DIVORCES <sup>a</sup>	
	Number	Rate <sup>b</sup>	Number	Rate <sup>b</sup>	Number	Rate <sup>c</sup>	Number	Rate <sup>b</sup>	Number	Rate <sup>b</sup>
Puerto Rico:										
1950.....	86,038	38.9	21,895	9.8	5,807	67.5	20,532	9.3	3,591	1.6
1955.....	77,830	34.6	16,221	7.2	4,343	55.8	18,912	8.4	4,622	2.1
1960.....	76,914	32.5	15,791	6.7	3,307	43.3	20,212	8.6	5,218	2.2
1965.....	79,608	30.2	17,685	6.7	3,406	42.8	25,184	9.6	10,519	4.0
1970.....	67,928	24.8	18,080	6.7	1,930	28.6	29,905	11.0	9,988	3.6
1975.....	69,702	23.8	17,805	6.1	1,335	19.2	32,731	11.2	12,085	4.4
1976.....	71,888	23.8	19,286	6.4	1,437	20.0	33,741	11.2	12,357	4.1
1977.....	75,191	24.4	19,778	6.4	1,514	20.1	34,541	11.2	12,085	3.9
1978.....	75,117	24.1	19,812	6.4	1,391	18.5	34,048	10.9	12,392	4.0
1979.....	73,761	23.3	20,271	6.4	1,457	19.8	33,072	10.4	13,471	4.3
1980.....	72,986	22.8	20,413	6.4	1,351	18.5	33,167	10.4	15,276	4.8
Guam:										
1965.....	2,523	32.8	336	4.4	82	32.5	471	6.2	53	.7
1970.....	2,842	28.8	355	5.8	62	21.6	874	9.9	84	1.0
1975.....	3,156	30.9	427	4.2	65	20.6	1,861	18.2	196	1.9
1976.....	3,038	29.6	446	4.4	55	18.1	1,538	15.0	275	2.7
1977.....	2,989	29.5	361	3.6	45	15.1	(NA)	(NA)	(NA)	(NA)
1978.....	2,888	28.3	309	3.9	45	15.6	1,769	17.3	361	3.5
1979.....	2,929	28.2	354	3.4	31	10.5	(NA)	(NA)	(NA)	(NA)
1980.....	2,945	27.8	393	3.7	43	14.6	(NA)	(NA)	(NA)	(NA)
Virgin Islands:										
1950.....	894	33.5	374	14.0	51	57.0	138	5.2	271	10.2
1955.....	913	33.1	311	11.3	41	44.9	221	8.0	103	3.7
1960.....	1,180	36.8	332	10.3	42	35.6	359	11.1	135	4.2
1965.....	1,998	45.2	416	9.6	80	30.0	595	13.7	249	5.7
1970.....	2,898	46.8	469	7.9	72	24.6	1,149	18.4	270	4.3
1975.....	2,372	25.1	477	5.0	62	26.1	1,064	11.3	353	3.7
1976.....	2,343	24.4	447	4.6	68	29.0	933	9.7	399	4.1
1977.....	2,373	25.5	380	4.1	55	23.2	919	9.9	442	4.7
1978.....	2,524	26.3	461	4.8	54	21.4	1,131	11.8	484	5.0
1979.....	2,389	24.8	476	4.9	53	21.2	1,067	11.1	410	4.3
1980.....	2,504	25.9	504	5.2	61	24.4	1,112	11.5	478	4.9

NA Not available. <sup>a</sup> Per 1,000 population.

<sup>b</sup> Per 1,000 live births.

<sup>c</sup> Includes reported annulments.

<sup>d</sup> Data are incomplete.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; Statistical Office of the United Nations, New York, N.Y., *Demographic Yearbook* 1969, 1974, and 1977 (copyright); and Department of Public Health and Social Services, Government of Guam, *Statistical Report—1978*.

## NO. 1484. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY AREAS: 1980

[For school year, unless otherwise indicated]

ITEM	Puerto Rico	Ameri-can Samoa	Guam	Virgin Islands	Common-wealth of the Northern Marianas
Enrollment, fall.....	712,880	9,647	26,420	25,201	1,407
Elementary (kindergarten-grade 8).....	521,865	7,174	19,603	19,716	1,267
Secondary (grades 9-12 and post graduates).....	191,015	2,473	6,817	5,485	1,140
Average daily attendance.....	(NA)	(NA)	25,814	23,304	4,240
Percent of enrollment.....	(NA)	(NA)	93.6	91.2	96.2
Professional staff, fall.....	36,754	737	1,799	1,967	(NA)
Official/administrative.....	1,750	75	76	116	(NA)
Professional/educational.....	33,027	643	1,581	1,719	(NA)
Teachers.....	31,964	559	1,466	1,567	(NA)
Professional/other.....	1,977	19	142	132	(NA)
Average salary for classroom teachers (dol.).....	(NA)	(NA)	15,000	13,575	7,641
Average salary for other professional educational staff (dol.).....	(NA)	(NA)	16,000	16,882	8,542
Total estimated expenditures (\$1,000).....	(NA)	(NA)	41,294	48,317	9,324
Current expenditures <sup>b</sup> (\$1,000).....	(NA)	(NA)	31,327	43,757	5,097
Per pupil <sup>b</sup> (dol.).....	(NA)	(NA)	1,214	1,878	1,414
Other current expenditures <sup>b</sup> (\$1,000).....	(NA)	(NA)	2,595	403	(NA)
Capital outlay (\$1,000).....	(NA)	(NA)	9,967	2,025	2,924
Per pupil <sup>b</sup> (dol.).....	(NA)	(NA)	386	87	690

- Represents zero. NA Not available. <sup>a</sup> 1979 data. <sup>b</sup> Public elementary and secondary day schools. <sup>c</sup> Annual expenditures per pupil in average daily attendance. <sup>d</sup> Community services, summer schools, adult education, and community colleges.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day School Systems*, and unpublished data.

**NO. 1485. SCHOOL ENROLLMENT AND EMPLOYMENT STATUS, 1980, AND PERCENT DISTRIBUTION BY FAMILY INCOME CLASS, 1979, BY AREA**

ITEM	Puerto Rico <sup>1</sup>	Guam	Virgin Islands	Northern Mariana Islands
<b>SCHOOL ENROLLMENT, 1980</b>				
Total enrolled, 3 years old and over.....	971,592	36,002	34,934	5,479
Elementary (grades 1-8), total <sup>2</sup> .....	616,438	23,303	25,842	4,102
Public.....	542,955	20,061	20,576	3,576
Private.....	73,483	3,242	5,086	526
High school (4 years), total.....	220,477	8,562	7,275	1,281
Public.....	200,118	7,580	5,856	1,149
Private, total.....	20,359	982	1,419	132
College, total.....	134,677	4,137	2,017	96
Public.....	103,650	3,088	1,897	80
<b>EMPLOYMENT STATUS, 1980</b>				
Total persons, 16 years old and over.....	2,114,673	66,773	59,310	9,599
In labor force.....	869,855	44,484	38,082	6,102
Percent of total.....	41.1	66.6	64.2	63.6
Armed Forces.....	4,137	10,125	84	13
Civilian labor force.....	865,719	34,359	37,998	6,089
Employed.....	733,923	32,692	35,662	5,941
Unemployed.....	131,797	1,667	2,346	148
Percent of civilian labor force.....	15.2	4.9	6.2	2.4
Not in labor force.....	1,244,817	22,289	21,228	3,497
<b>FAMILY INCOME, 1979</b>				
Families, 1980.....	757,645	21,780	20,855	2,652
Percent distribution, by income class.....	100.0	100.0	100.0	100.0
Less than \$1,000.....	11.3	2.1	3.2	4.4
\$1,000-\$2,499.....	12.4	1.7	3.4	5.9
\$2,500-\$4,999.....	19.7	3.7	7.8	17.8
\$5,000-\$7,499.....	17.5	6.6	14.3	16.1
\$7,500-\$9,999.....	10.9	9.8	12.4	13.7
\$10,000-\$14,999.....	13.3	21.1	19.8	16.9
\$15,000-\$24,999.....	10.3	28.4	22.3	14.7
\$25,000 or more.....	4.6	26.6	16.7	10.4
Median Income <sup>3</sup> (dol.).....	5,923	(NA)	11,914	* 8,809

NA Not available. <sup>1</sup>Data based on sample and subject to sampling variability, see Appendix III. <sup>2</sup>Includes nursery and kindergarten. <sup>3</sup>For definition of median, see Guide to Tabular Presentation. <sup>4</sup>Excludes those with no income.

Source: U.S. Bureau of the Census, unpublished data.

**NO. 1486. FEDERAL DIRECT PAYMENTS TO INDIVIDUALS BY SELECTED PROGRAM AND AREA: 1981 AND 1982**

[In thousands of dollars. For fiscal years, except as noted]

PROGRAM PAYMENTS	1981					1982				
	Ameri-can Samoa	Guam	Puerto Rico	Trust Ter-ri-tory	Virgin Islands	Ameri-can Samoa	Guam	Puerto Rico	Trust Ter-ri-tory	Virgin Islands
<b>Total</b> .....	5,729	41,608	2,298,189	612	55,717	6,855	42,528	2,714,871	2,019	56,491
Pell Grants <sup>1</sup> .....	-	710	118,782	-	281	-	757	135,509	-	310
Medicare: Hospital Insurance.....	-	1,188	88,890	-	1,814	-	-	107,749	-	-
Supplemental Medical Insurance.....	-	659	54,298	-	983	-	-	63,878	-	-
Social Security: Disability Insurance.....	731	1,137	-	20	2,697	836	1,236	442,050	20	2,839
Retirement Insurance.....	1,620	3,541	558,061	131	15,254	1,955	4,148	822,824	141	17,353
Survivors Insurance.....	1,599	3,022	257,518	77	6,176	1,886	3,487	291,338	99	7,153
Veterans' Pension and Disability.....	740	821	206,030	-	1,489	1,079	2,112	226,618	-	1,860
Education Assistance.....	223	113	14,691	-	125	302	602	10,543	-	84
Federal Retirement and Disability.....	787	12,075	85,734	191	5,574	738	13,020	105,866	202	5,681
Food Stamps.....	-	17,864	879,116	-	20,800	-	16,703	671,198	-	19,844
Other.....	29	478	35,059	193	524	59	463	36,898	1,557	1,367

- Represents or rounds to zero. <sup>1</sup>Outlays for the academic year.

Source: U.S. Bureau of the Census, *Federal Expenditures by State*, annual.

## No. 1487. PUERTO RICO—SUMMARY: 1950 TO 1982

ITEM	Unit	1950	1960	1970	1975	1976	1977	1978	1979	1980	1981	1982 <sup>1</sup>
<b>POPULATION</b>												
Population <sup>2</sup> .....	1,000	2,218	2,360	2,722	2,938	3,018	3,074	3,122	3,161	3,206	3,247	3,265
Persons per family .....	Number	5.1	4.8	4.1	3.7	4.0	4.0	3.8	3.8	3.7	3.7	3.7
<b>EDUCATION<sup>3</sup></b>												
Enrollment, total .....	1,000	(NA)	737.6	925.8	977.9	1,007.9	1,013.4	1,027.9	1,020.2	1,028.2	1,042.2	(NA)
Public day school .....	1,000	408.1	573.4	672.3	704.1	709.6	721.8	727.7	721.4	716.1	712.9	(NA)
Other public .....	1,000	(NA)	76.4	103.9	83.7	91.9	87.1	86.3	82.9	85.6	99.9	(NA)
Private schools .....	1,000	(NA)	63.3	92.3	95.7	103.4	95.7	97.3	93.4	99.4	93.5	102.4
College and university .....	1,000	12.6	24.5	57.3	94.4	103.0	108.9	116.5	122.1	127.0	131.9	134.5
Expenses .....	Mil. dol.	37.8	87.4	288.8	398.4	499.9	491.8	647.3	714.3	754.1	874.3	936.3
As percent of GNP .....	Percent	5.0	5.2	6.2	5.6	6.6	6.1	7.2	7.1	6.8	7.2	7.4
Public .....	Mil. dol.	31.0	74.1	254.6	334.8	429.1	400.2	537.0	585.3	612.2	716.2	749.7
Private .....	Mil. dol.	6.8	13.3	34.2	63.6	70.8	91.6	110.3	129.0	141.9	158.1	186.6
<b>LABOR FORCE<sup>4</sup></b>												
Total <sup>5</sup> .....	1,000	686	625	765	872	890	920	961	979	996	1,015	1,011
Employed <sup>6</sup> .....	1,000	596	542	688	738	718	735	780	807	827	833	791
Agriculture <sup>7</sup> .....	1,000	216	125	68	50	47	39	40	38	43	42	38
Manufacturing .....	1,000	55	81	132	137	133	144	156	160	157	154	148
Trade .....	1,000	90	97	128	141	140	145	149	155	152	155	154
Government .....	1,000	45	62	105	151	158	168	180	190	202	202	188
Unemployment .....	1,000	88	82	78	134	172	184	180	171	169	182	219
Unemployment rate <sup>8</sup> .....	Rate	13	13	10	15	19	20	19	18	17	18	22
Compensation of employees .....	Mil. dol.	388.9	928.9	2,800.2	4,846.5	5,030.9	5,358.7	5,868.1	6,525.4	7,202.0	7,886.7	7,886.0
Avg. compensation .....	Dollar	653	1,711	4,092	6,567	7,007	7,253	7,523	8,086	8,709	9,468	9,970
Salary and wages .....	Mil. dol.	377.7	872.0	2,554.5	4,331.8	4,471.9	4,764.9	5,236.8	5,778.5	6,334.4	6,925.2	6,913.5
<b>INCOME<sup>9</sup></b>												
Personal income:												
Current dollars .....	Mil. dol.	653	1,374	3,753	6,843	7,644	8,134	8,947	9,894	10,934	12,168	12,757
Constant (1954) dollars .....	Mil. dol.	763	1,240	2,654	3,425	3,560	3,658	3,842	4,056	3,989	4,017	3,990
Disposable personal income:												
Current dollars .....	Mil. dol.	638	1,334	3,565	6,446	7,182	7,601	8,461	9,336	10,314	11,473	11,998
Constant (1954) dollars .....	Mil. dol.	745	1,204	2,521	3,226	3,845	3,418	3,633	3,828	3,763	3,788	3,753
Average family income:												
Current dollars .....	Dollar	1,495	2,812	5,674	8,687	10,264	10,680	10,974	11,970	12,706	13,953	14,498
Constant (1954) dollars .....	Dollar	1,752	2,539	4,013	4,348	4,780	4,804	4,712	4,906	4,636	4,607	4,533
<b>BANKING<sup>10</sup></b>												
Assets .....	Mil. dol.	339	705	3,322	6,642	7,161	8,676	9,726	10,534	12,223	14,163	15,605
Debits .....	Mil. dol.	319	635	2,548	6,930	7,768	8,237	8,106	8,039	13,399	16,780	18,701
Personal checking .....	Mil. dol.	(NA)	(NA)	1,999	5,714	6,515	6,798	6,510	6,040	11,206	14,773	16,640
Personal savings .....	Mil. dol.	(NA)	(NA)	94	166	203	251	295	320	423	475	500
Government accounts .....	Mil. dol.	(NA)	(NA)	454	1,049	1,050	1,188	1,301	1,679	1,770	1,531	1,281
<b>TOURISM<sup>11</sup></b>												
Number of visitors .....	1,000	64.5	347.4	1,088.4	1,393.1	1,298.7	1,376.5	1,474.3	1,662.0	1,679.3	1,516.6	1,563.7
Visitor expenditures .....	Mil. dol.	6.8	58.1	235.4	375.0	392.5	423.9	481.9	565.0	615.4	615.6	681.6
Average per visitor .....	Dollar	105	167	216	280	302	308	327	340	356	406	438
Net income from tourism .....	Mil. dol.	1.7	19.4	89.8	137.8	140.7	159.7	178.5	206.3	226.4	232.7	261.8

NA Not available. <sup>1</sup>Preliminary. <sup>2</sup>As of July 1. <sup>3</sup>Enrollment for the first school month. Expenses for school year ending in year shown. <sup>4</sup>Annual average of monthly figures. For fiscal years. <sup>5</sup>Beginning 1977, for population 16 years old and over; prior to 1977, for population 14 years and over. <sup>6</sup>Includes other employment, not shown separately. Beginning 1978, for population 16 years old and over; prior to 1978, for population 14 years and over. <sup>7</sup>Includes forestry and fisheries.

<sup>8</sup>Percent unemployed of the labor force. <sup>9</sup>For fiscal years. <sup>10</sup>As of June 30.

Source: Puerto Rico Planning Board, San Juan, P.R., *Income and Product*, annual, and *Socioeconomics Statistics*, annual.

## NO. 1488. PUERTO RICO—EMPLOYMENT STATUS, 1960 TO 1982 AND BY SEX, 1981 AND 1982

[In thousands of persons 14 years old and over except, beginning 1978, 16 years old and over. Annual averages for calendar years of the civilian noninstitutional population]

EMPLOYMENT STATUS	1960	1965	1970	1975	1978	1979	1980	1981		1982			
								Total	Male	Female	Total		
Total .....	1,368	1,555	1,743	2,099	2,198	2,272	2,322	2,382	1,123	1,258	2,427	1,148	1,279
In the labor force .....	635	698	778	875	971	987	1,006	1,017	671	346	999	663	936
Employed .....	558	617	694	715	786	819	834	815	520	296	771	489	282
Working .....	525	585	658	667	748	769	782	765	490	274	727	465	262
35 hours or more .....	406	470	570	487	581	591	587	547	363	184	516	347	169
Less than 35 hours <sup>2</sup> .....	119	115	88	181	167	178	195	218	127	90	211	118	93
Not working .....	33	31	35	48	48	50	52	51	29	22	44	24	20
Unemployed .....	77	81	84	159	175	168	172	202	151	50	228	175	53
Percent .....	12.1	11.6	10.7	18.2	18.1	17.0	17.1	19.9	22.6	14.6	22.8	26.3	15.9
Not in labor force .....	734	856	965	1,224	1,227	1,285	1,316	1,364	452	912	1,428	484	943

<sup>1</sup> Prior to 1978, 30 hours or more. <sup>2</sup> Prior to 1978, less than 30 hours.

Source: Puerto Rico Dept. of Labor, Bureau of Labor Statistics and Human Resources, San Juan, P.R., unpublished data.

## NO. 1489. PUERTO RICO—GROSS PRODUCT AND IMPORTS: 1960 TO 1982

[In millions of dollars, except percent change. For years ending June 30. Minus sign (-) indicates decrease]

ITEM	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.
Gross Commonwealth Product...	1,676	2,764	4,688	7,129	8,116	8,932	9,993	11,043	12,129	12,617
Average annual percent change <sup>1</sup> .....	6.0	10.5	11.1	8.7	6.7	10.1	11.9	10.5	9.8	4.0
Sales of domestic production and imports.....	2,897	4,872	8,440	14,545	17,591	19,306	21,837	24,872	27,345	27,591
Goods and services to P.R. users .....	2,012	3,479	5,964	10,112	11,585	12,830	13,870	15,599	16,751	15,872
Consumers.....	1,397	2,251	3,747	6,390	8,167	9,043	9,843	10,929	11,989	12,225
Commonwealth and municipal govts. ....	218	380	765	1,612	1,728	1,877	2,025	2,245	2,533	2,401
Construction.....	227	501	989	1,481	1,004	1,134	1,200	1,303	1,376	1,236
Producers durable equipment .....	128	219	413	426	532	601	664	726	759	538
Changes in inventories.....	42	128	50	203	154	175	138	396	114	-528
Goods and services to rest of world .....	885	1,993	2,476	4,433	6,006	6,476	7,967	9,271	10,594	11,719
Other investments <sup>2</sup> .....								14	12	1
Less: Imports of goods and services .....	1,221	2,108	3,752	7,549	9,497	10,373	11,858	13,839	15,217	14,975

<sup>1</sup> Represents zero or rounds to zero. <sup>2</sup> Change from previous year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>2</sup> Includes investments by Puerto Rico Maritime Shipping Authority.

Source: Puerto Rico Planning Board, San Juan, P.R., *Income and Product*, annual, and unpublished data.

## NO. 1490. PUERTO RICO—NET INCOME, BY INDUSTRIAL ORIGIN: 1960 TO 1982

[In millions of dollars. For years ending June 30]

INDUSTRY	1960	1965	1970	1975	1977	1978	1979	1980	1981	1982, prel.
All industries.....	1,349	2,230	3,668	5,920	6,850	7,402	8,269	9,072	9,875	10,258
Agriculture.....	180	190	178	310	292	359	369	390	383	358
Manufacturing.....	289	553	958	1,941	2,813	3,268	3,783	4,312	4,730	5,282
Chemicals and allied products.....	10	50	109	560	1,011	1,158	1,285	1,551	1,778	2,108
Metal products and machinery.....	55	82	192	478	741	846	1,058	1,187	1,376	1,605
Food and related products.....	67	125	161	274	315	418	417	420	495	523
Apparel and related products.....	51	89	172	205	266	317	319	341	365	378
Other manufacturing.....	106	207	324	423	481	529	703	813	716	650
Mining.....	2	5	7	6	5	6	5	9	9	9
Contract construction.....	87	175	338	409	290	307	334	345	378	332
Transp. and other public utilities <sup>1</sup> .....	127	213	342	621	730	780	905	1,025	1,136	1,233
Trade.....	237	402	631	945	1,126	1,232	1,406	1,552	1,723	1,732
Finance, insurance, and real estate.....	141	253	504	700	804	916	1,125	1,245	1,374	1,521
Services .....	127	250	448	727	895	987	1,079	1,191	1,327	1,416
Commonwealth Government <sup>2</sup> .....	175	307	610	1,334	1,450	1,573	1,713	1,897	2,048	1,935
Rest of the world.....	-16	-118	-347	-1,072	-1,754	-2,026	-2,451	-2,893	-3,233	-3,540

<sup>1</sup> Includes radio and television. <sup>2</sup> Includes public enterprises, not elsewhere classified.

## NO. 1491. PUERTO RICO—RECEIPTS AND EXPENDITURES OF THE CENTRAL GOVERNMENT, BY MAJOR ITEM: 1960 TO 1982

[In millions of dollars. For years ending June 30]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982, prel.
Receipts.....	351	672	1,275	2,402	2,929	3,073	3,417	3,712	4,196	4,452	4,690
Taxes.....	237	408	1,294	1,605	1,723	1,809	1,957	2,108	2,304	2,509	
Personal.....	40	88	188	397	462	633	486	557	620	694	758
Corporate.....	26	54	92	167	171	180	237	273	325	345	414
Indirect business.....	172	265	456	730	972	1,010	1,086	1,126	1,162	1,265	1,338
Contributions to social insurance .....	45	81	162	335	352	372	398	441	477	518	525
Profits from govt. business enterprises .....	6	11	6	-63	-78	-116	-50	-123	-68	-66	77
Interest and dividends.....	10	17	49	73	79	88	105	122	157	175	191
Sales of goods and services.....	9	37	67	112	138	145	151	164	173	194	223
Transfers from Federal Government.....	44	118	257	651	828	860	1,003	1,149	1,348	1,327	1,165
Transfers from private enterprises.....	-	-	-	(z)	(z)	(z)	1	1	1	1	1
Expenditures .....	287	548	1,105	2,416	2,617	2,778	2,986	3,185	3,570	3,997	3,909
Purchases of goods and services.....	227	417	831	1,725	1,754	1,873	2,028	2,181	2,418	2,727	2,824
Compensation of employees.....	174	307	610	1,334	1,390	1,450	1,573	1,694	1,897	2,048	1,935
Other purchases.....	103	197	390	671	675	698	772	813	830	978	919
Less: Capital expenditures.....	50	87	169	279	312	274	317	326	309	299	230
Interest.....	7	19	36	116	140	149	170	161	151	187	187
Subsidies.....	9	11	33	98	99	100	118	122	117	125	122
Transfer payments to persons.....	44	82	173	405	545	570	580	597	773	837	846
Transfer payments to Federal Government.....	(z)	19	30	71	80	86	91	105	111	121	130
Savings <sup>1</sup> .....	64	124	170	-13	311	295	432	547	626	455	781

<sup>1</sup> Represents zero. Z Less than \$500,000. <sup>2</sup> Includes disbursements for land acquisition, equipment purchases, and other capital investments.

Source of tables 1490 and 1491: Puerto Rico Planning Board, San Juan, P.R., *Income and Product*, annual.

## Outlying Areas

## NO. 1492. PUERTO RICO—BUSINESS SUMMARY: 1972 AND 1977

[Sales and payroll in millions of dollars; for discussion of coverage, see text, pp. 795 and 796]

KIND OF BUSINESS (Based on 1972 Standard Industrial Classification System)	1972		1977			Employ- ees <sup>1</sup>
	Estab- lish- ments	Sales	Estab- lish- ments	Sales	Pay- roll, entire year	
<b>Wholesale trade<sup>2</sup></b>	<b>2,160</b>	<b>2,559</b>	<b>2,208</b>	<b>4,395</b>	<b>260</b>	<b>27,788</b>
Motor vehicles, automotive parts and supplies	141	163	126	164	16	1,652
Drugs <sup>3</sup> , and chemicals, allied products	172	222	154	372	35	3,497
Apparel, piece goods, and notions	168	116	159	136	8	946
Groceries and related products	500	780	486	1,420	51	6,208
Electrical goods	121	137	124	182	19	1,834
Machinery, equipment, supplies	297	259	342	358	50	4,773
Petroleum and petroleum products	34	207	71	567	11	895
<b>Retail trade<sup>2</sup></b>	<b>29,894</b>	<b>2,918</b>	<b>36,276</b>	<b>4,798</b>	<b>423</b>	<b>78,201</b>
Bldg. materials, hardware, garden supplies, mobile home dealers	943	216	1,347	346	33	5,309
Hardware stores	575	105	816	168	16	2,627
General merchandise group stores	1,357	330	1,061	479	62	10,461
Department stores	47	217	39	312	40	6,056
Food stores, eating and drinking places	18,839	905	22,477	1,593	122	25,622
Grocery stores, eating and drinking places	16,219	839	19,960	1,489	111	23,056
Automotive dealers, gasoline service stations <sup>3</sup>	2,230	716	2,933	1,145	65	10,600
Motor vehicle dealers—new and used cars	308	456	294	607	31	4,028
Gasoline service stations	1,317	172	1,520	336	15	3,710
Apparel, accessory stores <sup>2</sup>	2,360	295	2,796	498	60	11,527
Men's, boys' clothing and furnishing stores	529	86	529	117	13	2,255
Women's clothing, specialty stores	867	95	1,002	172	20	4,261
Family clothing stores	312	33	386	61	8	1,635
Furniture, home furnishings and equipment stores	1,420	212	1,522	270	28	4,927
<b>Selected services industries<sup>2,4</sup></b>	<b>14,163</b>	<b>512</b>	<b>19,936</b>	<b>940</b>	<b>273</b>	<b>41,704</b>
Hotels, motels, trailer parks, and camps	263	130	181	(b)	(b)	(b)
Personal services	2,982	51	3,160	72	16	3,574
Business services	812	162	1,184	271	89	14,870
Auto repairs, services, garages	1,438	63	2,285	(b)	(b)	(b)
Amusement, recreation services, motion pictures	7,822	87	9,753	133	19	3,743

<sup>1</sup> Withheld to avoid disclosure. <sup>2</sup> For week including Mar. 12. <sup>3</sup> Includes data not shown separately. <sup>4</sup> Includes drug proprietaries and druggists' sundries. <sup>5</sup> For 1972, excludes arrangement of passenger transportation; dental laboratories; legal services; engineering, architectural, and surveying services.

Source: U.S. Bureau of the Census, *Census of Outlying Areas, Retail Trade, Wholesale Trade, and Selected Service Industries, 1977, Puerto Rico*, series OAC77-1.

## NO. 1493. PUERTO RICO—MANUFACTURES, BY INDUSTRY: 1972 AND 1977

INDUSTRY (Based on 1972 Standard Industrial Classification System)	1972			1977				Value added by manufacture <sup>2</sup> (mil. dol.)	Value added by manufacture <sup>2</sup> (mil. dol.)	
	Estab- lish- ments	All employ- ees <sup>1</sup>	Value added by manu- facture <sup>2</sup> (mil. dol.)	Estab- lish- ments	All employees		Production workers			
					Num- ber <sup>1</sup>	Pay- roll (mil. dol.)	Num- ber <sup>1</sup>	Wages (mil. dol.)		
All Industries	2,340	149,748	1,915.4	2,297	146,861	997.0	126,236	738.8	10,137.1	4,097.2
Food and kindred products	321	27,739	343.4	324	21,407	149.0	17,249	103.3	1,456.6	486.6
Tobacco products	28	4,508	46.4	17	3,670	24.5	3,419	21.9	214.1	122.0
Textile mill products	81	7,819	67.1	63	6,001	29.5	5,743	26.5	183.0	108.8
Apparel and other textile products	473	39,624	252.5	386	35,294	151.8	33,086	131.1	593.3	278.9
Lumber and wood products	100	1,194	8.2	83	823	3.9	712	3.1	20.5	9.1
Furniture and fixtures	140	3,213	29.3	124	2,393	12.1	2,115	9.1	48.3	26.1
Paper and allied products	97	1,567	17.9	38	1,459	11.8	1,182	8.3	70.3	21.7
Printing and publishing	129	2,968	41.8	161	4,037	28.8	3,508	23.2	95.4	89.9
Chemicals and allied products	125	8,979	451.2	181	15,732	162.5	10,517	83.0	2,758.1	1,478.5
Petroleum and coal products	16	2,181	91.7	19	2,462	36.9	1,998	27.0	2,147.9	143.4
Rubber and misc. plastic products	56	3,494	27.4	77	5,962	43.4	5,514	35.9	236.8	147.6
Leather and leather products	57	6,611	99.3	47	6,185	29.3	5,805	26.3	125.2	55.7
Stone, clay, and glass products	189	6,250	73.1	175	4,987	39.8	3,857	28.3	229.9	102.7
Primary metal industries	16	956	14.3	35	1,567	12.7	1,194	8.7	91.5	49.5
Fabricated metal products	219	5,247	78.2	199	4,654	33.7	3,888	25.7	212.9	84.2
Machinery, exc. electrical	64	2,229	37.6	57	4,071	32.8	3,112	25.5	301.7	161.2
Electric and electronic equipment	105	14,671	169.6	131	14,785	106.9	13,485	84.7	716.4	403.1
Instruments and related products	25	712	6.8	69	6,789	52.1	6,051	39.1	409.0	257.3
Transportation equipment	44	6,066	84.2	26	1,127	8.2	952	6.7	47.4	28.1
Misc. manufacturing industries	115	3,720	35.3	85	3,487	27.3	2,679	21.6	178.9	87.8

<sup>1</sup> Average for year. <sup>2</sup> See footnote 6, table 1366. <sup>3</sup> Represents net selling value, f.o.b. plant. Excludes freight charges and excise taxes. Includes extensive duplication arising from shipments between establishments in the same industry.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, Manufactures, 1977, Puerto Rico*, series OAC77-4.

## NO. 1494. PUERTO RICO—CONSTRUCTION SUMMARY: 1972 AND 1977

[Money figures in millions of dollars]

INDUSTRY (Based on 1972 Standard Industrial Classification System <sup>1</sup> )	1972		1977				
	Establishments	Total receipts	Establishments	Total receipts	Payroll, entire year	Employees	Value added
<b>Construction</b> <sup>2</sup>							
General building contractors and operative builders	1,516	1,129	1,692	931	216	36,154	401
General contractors, residential buildings	684	693	777	555	120	20,891	195
Single-family houses	441	425	576	(D)	49	9,847	(D)
Operative builders	384	289	548	182	40	8,256	59
General contractors, nonresidential buildings	82	157	70	145	17	3,109	46
Heavy construction, general contractors	161	111	131	(D)	54	7,325	(D)
Special trade contractors <sup>2</sup>	150	207	156	151	37	5,164	68
Plumbing, heating, air-conditioning	648	216	705	202	55	9,515	110
Painting, paperhanging, decorating	103	47	132	39	9	1,361	19
Electrical work	49	(D)	52	(D)	3	585	(D)
Masonry, plastering, and tile setting	125	47	134	51	14	2,163	27
Carpentering and flooring	43	*1	40	(D)	1	1,607	(D)
Concrete work	48	(D)	45	19	6	258	(D)

D Withheld to avoid disclosure. <sup>1</sup> See text, pp. 795 and 796.<sup>2</sup> Includes industries not shown separately.<sup>3</sup> Masonry only.

\*Flooring only.

Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, 1972, Construction Industries: Puerto Rico*, series OAC72-3; and *Censuses of Outlying Areas, 1977 Construction Industries, Puerto Rico*, series OAC77-3 (revised).

## NO. 1495. PUERTO RICO—AGRICULTURE: 1969 AND 1978

[1 cuerdas=.97 acre. Tons specified are short tons]

CROP	LAND HARVESTED (1,000 cuerdas)		PRODUCTION (millions)			Sales, 1978 (mil. dol.)	CROP	LAND HARVESTED (1,000 cuerdas)		PRODUCTION (millions)		
	1969	1978	Unit	1969	1978			1969	1978	Unit	1969	1978
			Lb.		Lb.					Lb.	Lb.	
Sugarcane .....	180.4	105.2	Tons .....	5.9	2.9	39.5	Plantains .....	8.3	(NA)	Number .....	95	76
Coffee .....	125.5	83.2	Lb. ....	17.5	18.3	26.8	Bananas .....	14.1	(NA)	Number .....	332	229
Vegetables <sup>1</sup> .....	4.6	5.4	(X) .....	(X)	(X)	2.4	Oranges .....	16.2	(NA)	Number .....	134	48.1
Pineapples .....	3.5	2.6	Tons .....	5.5	2.5	5.6	Taniers .....	5.2	4.2	Lb. ....	13.8	7.3
Tobacco .....	3.7	1.5	Lb. ....	4.8	2.3	1.3	Pigeon peas ...	6.2	8.5	Lb. ....	4.0	9.2

NA Not available. X Not applicable. Z Less than 50,000 tons. <sup>1</sup> For sale.Source: U.S. Bureau of the Census, *Census of Agriculture: 1978*, vol. I.

## NO. 1496. PUERTO RICO—MERCHANDISE IMPORTS AND EXPORTS: 1960 TO 1982

[In millions of dollars]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Imports.....	924	1,543	2,681	3,593	4,861	4,885	5,928	6,200	6,918	7,834	9,018	9,329	8,167
From U.S.....	771	1,275	2,070	2,623	2,945	3,028	3,677	3,552	4,391	4,768	5,345	5,801	5,300
From other.....	153	263	611	970	2,016	1,856	2,251	2,649	2,527	3,046	3,673	3,528	2,887
Exports.....	604	1,006	1,680	2,727	3,275	3,000	3,735	4,516	5,123	6,539	6,576	7,047	8,886
To U.S.....	588	959	1,563	2,479	2,871	2,633	3,298	4,009	4,499	5,720	5,643	6,024	7,624
To other.....	16	37	117	248	404	367	437	507	624	819	933	1,023	1,264

Source: U.S. Bureau of the Census, *Foreign Commerce and Navigation of the United States*, annual; *U.S. Trade with Puerto Rico and U.S. Possessions*, FT 800; and unpublished data.

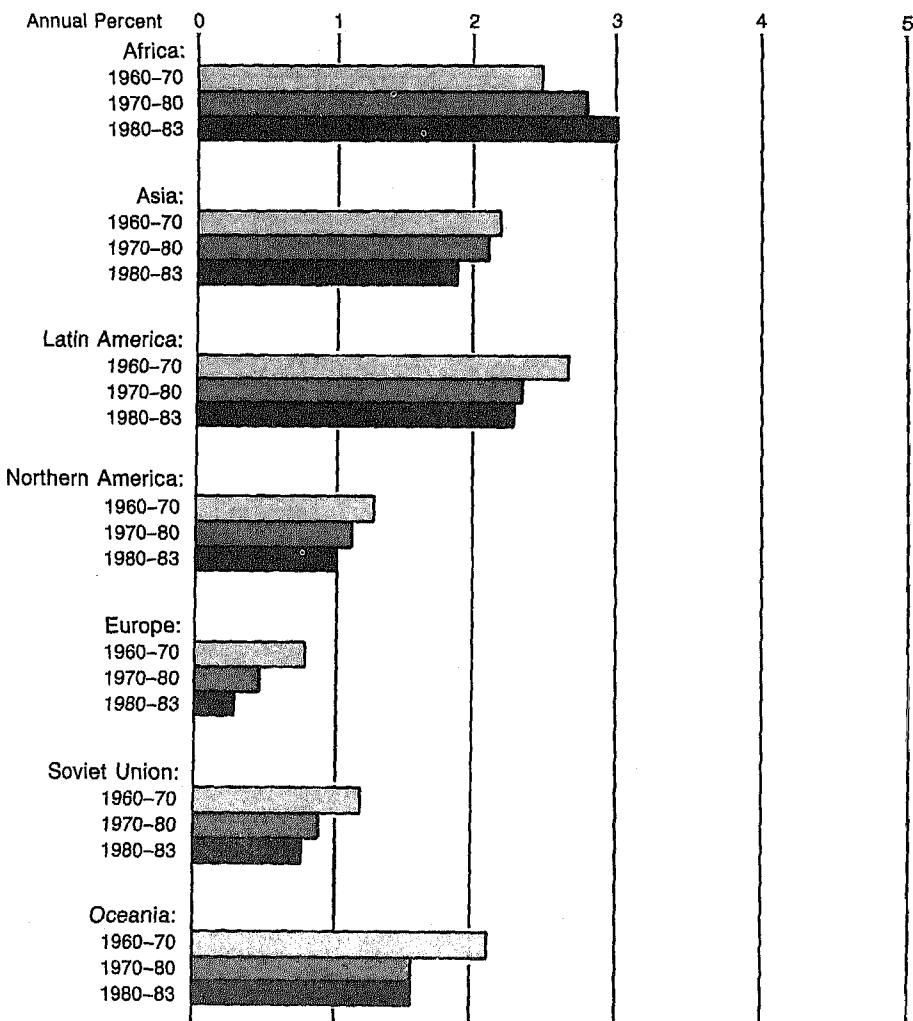
## NO. 1497. GUAM AND VIRGIN ISLANDS—ECONOMIC SUMMARY: 1977

KIND OF BUSINESS (Based on 1972 Standard Industrial Classification System <sup>1</sup> )	GUAM				VIRGIN ISLANDS			
	Establishments	Sales or receipts (\$1,000)	Payroll (\$1,000)	Paid employees <sup>2</sup>	Establishments	Sales or receipts (\$1,000)	Payroll (\$1,000)	Paid employees <sup>2</sup>
Total .....	900	606,202	74,256	10,405	2,211	(D)	119,804	15,069
Construction .....	74	85,467	19,865	2,533	150	44,321	13,815	1,508
Manufacturing .....	20	317,617	6,131	686	83	(D)	39,163	2,912
Wholesale trade .....	51	77,775	5,180	546	104	124,379	8,776	980
Retail trade .....	531	215,201	25,630	4,070	1,104	277,999	35,909	5,622
Selected services .....	224	55,142	17,350	2,570	770	75,763	22,342	4,047

D Withheld to avoid disclosing data for individual companies.

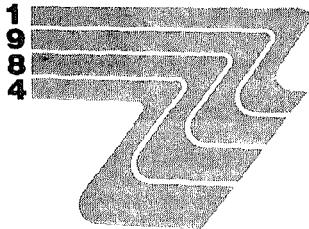
<sup>1</sup> See text, pp. 795 and 796.<sup>2</sup> For week including Mar. 12.<sup>3</sup> Value of shipments; figure contains duplication.Source: U.S. Bureau of the Census, *Censuses of Outlying Areas, 1977: Virgin Islands and Guam*, series OAC 77-5 and 77-6, respectively.

Figure 33.1

**World Population — Annual Growth Rate, by Continent: 1960 to 1983**

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Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1600.



# Comparative International Statistics

This section presents statistics for the world as a whole and for many countries on a comparative basis with the United States. Selected data are shown for area and population, births and deaths, social and industrial indicators, finances, agriculture, transportation and communication, and military affairs.

The principal sources for these data are the United Nations *Statistical Yearbook* and the U.S. Bureau of the Census biennial publication *World Population*. Statistics of the individual nations may be found primarily in official national publications, generally in the form of yearbooks, issued by most of the nations at various intervals in their own national languages, expressed in their own or customary units of measure. For handier reference, especially for international comparisons, the Statistical Office of the United Nations compiles data as submitted by member countries and issues a number of international summary publications, generally in English and French. Among these are the *Statistical Yearbook*; the *Demographic Yearbook*; the *Yearbook of International Trade Statistics*; the *Yearbook of National Accounts Statistics: Vol. II, International Tables; Population and Vital Statistics Reports* (quarterly); the *Monthly Bulletin of Statistics*; and *Yearbook of World Energy Statistics*. Specialized agencies of the United Nations also issue international summary publications on agricultural, labor, and education statistics. Among these are the *Production Yearbook and Trade Yearbook* issued by the Food and Agriculture Organization, the *Yearbook of Labour Statistics* issued by the International Labour Office, and the *Statistical Yearbook* issued by the Educational, Scientific, and Cultural Organization.

The Bureau of the Census, in *Country Demographic Profiles*, series ISP-30, presents data on individual countries for both a recent census year and the current period; and in the biennial *World Population* series, estimates of basic demographic measures for countries and regions of the world. The *International Population Statistics Reports*, series P-90 and P-91, issued by the Bureau of the Census, also present population figures for many foreign countries.

The U.S. Arms Control and Disarmament Agency and the International Monetary Fund (IMF) also compile data on international statistics. In its *World Military Expenditures and Arms Transfers*, published annually, the Arms Control and Disarmament Agency presents data on various economic indicators, as well as basic military data. Among the topics presented have been military expenditures, gross national product, imports and exports, and armed forces, by region and/or country. The IMF publishes a series of reports relating to financial data. These include *International Financial Statistics*, *Direction of Trade*, and *Balance of Payments Yearbook*, published in English, French, and Spanish.

**Statistical coverage, country names, and classifications.**—Problems of space and availability of data limit the number of countries and the extent of statistical coverage shown. The list of countries included is based almost entirely on a U.S. Department of State list of sovereign nations, dependencies, and areas of special sovereignty published by the U.S. Department of State in *Status of the World's Nations*. Country names are shown here as specified in that publication. In the few cases where a lack of comparability exists between State Department and United Nations' terminology, the State Department's preferences are used.

The countries and regions in tables 1500, 1503, and 1504 are classified as either "more developed" or "less developed" according to a *regional* classification system used by the Census Bureau in its *World Population: 1983*. The system is based on the assumption that, within regions, levels of such factors as industrial development, literacy rate, gross reproduction rate, per capita income, etc., are somewhat constant. "More developed" countries comprise Japan, Australia, New Zealand, the Soviet Union, and those countries in Northern America and Europe. All others are "less developed".

**Economic associations.**—The Organization for European Economic Co-operation (OEEC), a regional grouping of Western European countries established in 1948 for the purpose of harmonizing national economic policies and conditions, was succeeded on September 30, 1961, by the Organization for Economic Cooperation and Development (OECD). The member nations of the OECD are Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Greece, Iceland, Ireland, Italy, Japan, Luxembourg, the Netherlands, New Zealand, Norway, Portu-

gal, Spain, Sweden, Switzerland, Turkey, the United Kingdom and the United States, plus Yugoslavia in special status category.

**Quality and comparability of the data.**—The quality and comparability of the data presented here are affected by a number of factors:

(1) The year for which data are presented may not be the same for all subjects for a particular country, or for a given subject for different countries, though the data shown are the most recent available. All such variations have been noted. The data shown are for calendar years except as otherwise specified.

(2) The bases, methods of estimating, methods of data collection, extent of coverage, precision of definition, scope of territory, and margins of error may vary for different items within a particular country, and for like items for different countries. Footnotes and headnotes to the tables give a few of the major time-period and coverage qualifications attached to the figures; considerably more detail is presented in the source publications. Many of the measures shown are, at best, merely rough indicators of magnitude.

(3) Figures shown in this section for the United States may not always agree with figures shown in the preceding sections. Disagreements may be attributable to the use of differing original sources, a difference in the definition of geographic limits (the 50 States, conterminous United States only, or the United States including certain outlying areas and possessions), or to possible adjustments made in the United States figures by the United Nations or other sources in order to make them more comparable with figures from other countries.

**International comparisons of national accounts data.**—In order to compare national accounts data for different countries, it is necessary to convert each country's data into a common unit of currency, usually the U.S. dollar. The market exchange rates which are often used in converting national currencies do not necessarily reflect the relative purchasing power in the various countries. For example, using table 1511 it should not be concluded that Switzerland's individual standard of living in 1982 was 19 percent higher than that of the U.S., or that the United Kingdom's was 36 percent lower, as the statistics may imply. It is obviously necessary that the goods and services produced in different countries should be valued consistently if the differences observed are meant to reflect real differences in the volumes of goods and services produced. The use of purchasing power parities (see table 1512) instead of exchange rates is intended to achieve this objective.

The method used to present the data shown in table 1512 is to construct volume measures directly by revaluing the goods and services sold in different countries at a common set of international prices. By dividing the ratio of the gross domestic products of two countries expressed in their own national currencies by the corresponding ratio calculated at constant international prices, it is possible to derive the implied purchasing power parity (PPP) between the two currencies concerned. PPP's show how many units of currency are needed in one country to buy the same amount of goods and services which one unit of currency will buy in the other country. For further information, see *National Accounts, Main Aggregates*, volume I, issued annually by the Organization for Economic Cooperation and Development, Paris, France.

**Conversion factors.**—To facilitate comparison in terms of familiar units, some items shown in metric units in the source have been converted to U.S. equivalents by means of the abbreviated conversion factors shown below. Additional conversion factors appear on p. xiv.

### Conversion Factors

<i>Metric units</i>	<i>U.S. equivalents</i>
1 square kilometer .....	0.3861 sq. mile
1 metric ton (1,000 kilograms).....	1.1023 short tons
1 hectolitre .....	26.4172 U.S. gallons
1 cubic meter.....	35.8147 cubic feet

**No. 1498. WORLD SUMMARY: 1960 TO 198**

[See text, p. 854, for general comments concerning quality of the data]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981
<b>Population.....</b>	<b>Millions .....</b>	<b>2,986</b>	<b>3,288</b>	<b>3,610</b>	<b>3,987</b>	<b>4,212</b>	<b>4,284</b>	<b>4,357</b>	<b>4,432</b>	<b>4,508</b>
<b>Farm products, wood, fish:</b>										
Barley.....	Mil. sh. ton.	100	117	154	173	195	200	175	179	176
Coffee.....	Mil. sh. ton.	4.7	5.6	4.2	4.9	4.7	5.2	5.4	5.3	6.4
Corn.....	Mil. sh. ton.	226	250	289	359	384	490	461	432	491
Cotton (lint).....	Mil. sh. ton.	11	13	13	14	15	15	16	16	17
Peanuts (groundnuts).....	Mil. sh. ton.	15	18	20	21	20	21	21	22	21
Potatoes.....	Mil. sh. ton.	314	314	344	316	354	304	313	249	283
Rice.....	Mil. sh. ton.	261	282	348	397	408	425	415	441	456
Soybeans.....	Mil. sh. ton.	30	40	51	76	87	85	101	92	97
Tobacco.....	Mil. sh. ton.	4.2	5.0	5.1	6.0	6.1	6.3	5.9	5.9	5.9
Wheat.....	Mil. sh. ton.	269	295	351	391	431	495	472	490	505
Wool, greasy.....	Mil. sh. ton.	2.8	2.9	3.1	2.9	2.9	2.9	3.0	3.1	3.1
Roundwood.....	Bil. cu. ft.	67	73	85	85	103	104	107	107	(NA)
Fish catches.....	Mil. sh. ton.	44	59	75	76	78	79	79	80	(NA)
<b>Industrial production:</b>										
Electric energy.....	Bil. kWh.....	2,304	3,380	4,923	6,453	7,299	7,685	7,991	8,044	8,134
Energy (coal equivalent).....	Mil. sh. ton.....	4,677	5,911	7,791	8,940	9,765	9,958	10,439	10,293	(NA)
Coal.....	Mil. sh. ton.	2,170	2,218	2,352	2,615	2,783	2,848	2,963	3,020	3,037
Lignite.....	Mil. sh. ton.	700	816	874	951	996	1,017	1,074	1,098	1,110
Coke oven coke.....	Mil. sh. ton.	274	346	388	404	407	401	427	423	(NA)
Crude petroleum <sup>1</sup> .....	Bil. bbl.....	7.7	11.1	15.7	19.3	21.8	21.9	22.8	21.8	20.4
Iron ore.....	Mil. sh. ton.	283	359	464	576	544	584	548	547	531
Nickel ore.....	1,000 sh. ton.	371	483	727	821	874	880	(NA)	(NA)	(NA)
Tin concentrate <sup>2</sup> .....	1,000 sh. ton.	153	171	204	194	208	219	237	236	231
Meat.....	Mil. sh. ton.	68	77	93	108	113	115	119	121	121
Wheat flour <sup>2</sup> .....	Mil. sh. ton.	109	118	134	139	144	145	(NA)	(NA)	(NA)
Sugar.....	Mil. sh. ton.	58	72	80	80	99	99	97	94	100
Wine.....	Bil. gal.	6	8	8	8	7	8	10	9	(NA)
Beer.....	Bil. gal.	11	13	17	21	20	21	(NA)	(NA)	(NA)
Cigarettes <sup>2</sup> .....	Billions .....	1,899	2,296	2,688	3,112	3,332	3,404	(NA)	(NA)	(NA)
Noncellulosic fibers.....	1,000 sh. ton.	772	2,260	5,388	8,223	9,998	10,769	11,700	11,554	10,827
Sawnwood.....	Bil. cu. ft.	12	13	14	14	16	16	16	15	(NA)
Woodpulp.....	Mil. sh. ton.	65	87	115	114	93	97	103	141	(NA)
Newsprint.....	Mil. sh. ton.	15	19	24	23	25	27	28	27	27
Cement.....	Mil. sh. ton.	349	477	626	766	860	912	888	838	809
Pig Iron and ferroalloys.....	Mil. sh. ton.	286	369	484	538	544	574	610	596	595
Crude steel.....	Mil. sh. ton.	382	506	655	709	733	776	817	826	832
Magnesium.....	1,000 sh. ton.	100	173	250	291	279	337	(NA)	(NA)	(NA)
Tin <sup>2</sup> .....	1,000 sh. ton.	163	166	202	193	198	212	237	238	231
Merchant vessels, launched <sup>2</sup> .....	Mil. gr. ton.	8.4	12.2	21.7	35.9	27.5	18.2	11.5	13.9	17.1
Motor vehicles.....	Millions .....	16.5	24.3	29.3	33.0	40.8	43.6	41.6	38.5	37.1
<b>External trade:</b>										
Imports, c.i.f.....	Bil. U.S. dol.	135	197	329	902	1,162	1,347	1,683	2,054	2,028
Exports, f.o.b.....	Bil. U.S. dol.	128	187	314	874	1,125	1,301	1,642	1,990	1,959
<b>Transport:</b>										
Railway freight.....	Bil. sh. ton-mi.	2,286	2,873	3,438	4,104	4,386	4,484	4,544	4,544	4,678
Merchant shipping, freight <sup>5</sup> .....	Mil. sh. ton.	1,224	1,849	2,633	3,500	3,830	3,992	4,221	4,114	(NA)
Civil aviation, miles flown <sup>4</sup> .....	Millions .....	1,926	2,548	4,355	4,670	5,024	5,279	5,682	5,662	(NA)

NA Not available. <sup>1</sup> Source: U.S. Energy Information Administration, *International Energy Annual*, Sept. 1982 and *Monthly Energy Review*, July 1983. <sup>2</sup> Excludes People's Republic of China. Tin, tin concentrate, and merchant vessels exclude Soviet Union. For other exclusions, see source.

<sup>3</sup> Freight loaded. <sup>4</sup> Scheduled services of members of International Civil Aviation Organization.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* and *Monthly Bulletin of Statistics*. (Copyright.)

**NO. 1499. WORLD POPULATION, 1970 TO 1983, AND AREA, 1983, BY SIZE OF COUNTRY**

[Covers only countries listed in table 1503. See headnote, table 1503.]

POPULATION CLASS	POPULATION				1983					
	1970		1980		Countries		Population		Area	
	Total (mil.)	Percent of total	Total (mil.)	Percent of total	Total num- ber	Percent of total	Total (mil.)	Percent of total	Total (1,000 sq. mi.)	Percent of total
<b>Total.....</b>	<b>3,721</b>	<b>100.0</b>	<b>4,477</b>	<b>100.0</b>	<b>172</b>	<b>100.0</b>	<b>4,721</b>	<b>100.0</b>	<b>51,446</b>	<b>100.0</b>
Under 1 million.....	14	.4	17	.4	42	24.4	14	.3	492	1.0
1-5 million.....	135	3.6	100	2.2	40	23.3	112	2.4	4,547	8.8
5-10 million.....	190	5.1	239	5.3	32	18.6	234	5.0	4,278	8.3
10-25 million.....	388	10.4	424	9.5	28	16.3	469	9.9	12,985	25.2
25-50 million.....	365	9.9	512	11.4	12	7.0	441	9.4	5,297	10.3
Over 50 million.....	2,626	70.6	3,184	71.1	18	10.5	3,450	73.1	23,847	46.4

Source: Compiled from data in U.S. Bureau of the Census, *World Population 1983*, forthcoming and unpublished data.

## NO. 1500. WORLD POPULATION AND GROWTH, BY CONTINENT AND REGION: 1960 TO 1983

[For explanation of "more developed" and "less developed" categories, see text, p. 853]

CONTINENT AND REGION	MIDYEAR POPULATION (millions)						ANNUAL RATE OF GROWTH <sup>1</sup> (percent)					
	1960	1965	1970	1975	1980	1982	1983	1960-1965	1965-1970	1970-1975	1975-1980	1980-1983
World total.....	3,063	3,357	3,722	4,107	4,478	4,640	4,722	1.8	2.1	2.0	1.7	1.8
More developed regions.....	945	1,002	1,049	1,085	1,136	1,151	1,158	1.2	.9	.9	.7	.6
Less developed regions.....	2,118	2,354	2,673	3,011	3,343	3,489	3,554	2.1	2.5	2.4	2.1	2.1
Percent of world.....	69	70	72	73	75	75	75	(X)	(X)	(X)	(X)	(X)
Africa <sup>2</sup> .....	278	315	359	410	472	501	516	2.5	2.6	2.7	2.8	3.0
Asia.....	1,713	1,885	2,129	2,384	2,618	2,720	2,771	1.9	2.4	2.3	1.9	1.9
More developed regions.....	94	99	104	112	117	118	119	1.0	1.1	1.3	.8	.7
Less developed regions.....	1,619	1,786	2,025	2,273	2,501	2,601	2,652	2.0	2.5	2.3	1.9	2.0
East Asia <sup>3</sup> .....	823	887	1,010	1,129	1,213	1,249	1,266	1.5	2.6	2.2	1.4	1.4
South Asia <sup>3</sup> .....	890	998	1,119	1,255	1,405	1,471	1,506	2.3	2.3	2.3	2.3	2.3
Latin America <sup>2</sup> .....	218	251	286	324	365	381	390	2.8	2.7	2.5	2.3	2.3
Middle America <sup>2,3</sup> .....	51	60	70	81	93	97	100	3.1	3.1	3.0	2.7	2.5
Caribbean <sup>2,3</sup> .....	20	23	25	27	29	30	31	2.2	1.9	1.8	1.4	1.4
South America <sup>2,3</sup> .....	147	168	192	216	242	254	260	2.7	2.6	2.4	2.3	2.3
Northern America <sup>4</sup> .....	199	214	226	239	252	257	259	1.5	1.1	1.1	1.1	1.0
Europe <sup>4</sup> .....	425	444	460	474	484	487	489	.9	.7	.6	.4	.3
Soviet Union <sup>4</sup> .....	214	231	243	254	266	270	272	1.5	1.0	.9	.9	.8
Oceania.....	16	17	19	21	23	23	24	2.1	2.1	1.9	1.3	1.6
Australia and New Zealand <sup>4</sup> .....	13	14	15	17	18	18	18	2.0	1.9	1.7	1.0	1.3
Less developed regions.....	3	3	4	4	5	5	5	2.7	2.8	2.5	2.4	2.5

X. Not applicable. <sup>1</sup> Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>2</sup> Less developed region. <sup>3</sup> For component countries, see table 1504. <sup>4</sup> More developed region.

Source: U.S. Bureau of the Census, *World Population 1983*, forthcoming; and unpublished data.

## NO. 1501. WORLD POPULATION CHARACTERISTICS, 1975 TO 1983, AND PROJECTIONS TO 2000

[See headnote, table 1502. For explanation of "more developed" and "less developed" categories, see text, p. 853]

ITEM	Unit	1975	1980	1983	1985	1990	1995	2000
World total.....	Millions.....	4,107	4,478	4,722	4,889	5,326	5,786	6,246
Population per sq. mi.....	Number.....	78	85	90	93	102	110	119
Males.....	Millions.....	2,059	2,247	2,370	2,455	2,677	2,910	3,142
Females.....	Millions.....	2,048	2,231	2,352	2,434	2,648	2,876	3,104
Under 5 years old.....	Percent.....	13.3	12.3	12.1	12.0	11.7	11.2	10.8
5 to 14 years old.....	Percent.....	23.3	22.8	22.1	21.7	20.7	20.4	19.9
15 to 64 years old.....	Percent.....	57.7	59.1	60.0	60.5	61.6	62.1	62.7
65 years old and over.....	Percent.....	5.7	5.8	5.8	5.8	6.0	6.3	6.8
Median age.....	Years.....	21.9	22.6	23.1	23.5	24.3	25.2	26.1
More developed regions.....	Millions.....	1,095	1,136	1,158	1,172	1,204	1,232	1,256
Less developed regions.....	Millions.....	8,011	8,343	8,564	8,717	9,122	9,554	9,991

Source: U.S. Bureau of the Census, *World Population 1983*, forthcoming; and unpublished data.

## NO. 1502. WORLD VITAL STATISTICS AND LIFE EXPECTANCY: 1970 TO 2010

[Source of data presents 3 variants or series of projections: Medium, high, and low. Figures shown here are for the medium variant. Data shown are annual averages]

ITEM	Unit	1970-1975	1975-1980	1980-1985	1985-1990	1990-1995	1995-2000	2000-2005	2005-2010
World growth rate.....	Percent.....	1.9	1.7	1.7	1.7	1.6	1.5	1.4	1.3
Crude birth rate <sup>1</sup> .....	Per 1,000 population.....	31.5	28.5	27.5	26.5	25.2	23.9	22.5	21.1
Crude death rate <sup>1</sup> .....	Per 1,000 population.....	12.5	11.4	10.6	10.1	9.5	9.0	8.6	8.4
Total fertility rate <sup>2</sup> .....	Number.....	4.4	3.9	3.6	3.4	3.2	3.0	2.8	(NA)
Life expectancy at birth, both sexes.....	Years.....	55.8	57.5	59.2	60.8	62.3	63.9	65.5	66.8
Male.....	Years.....	54.6	56.3	57.9	59.4	60.8	62.4	63.8	65.0
Female.....	Years.....	57.1	58.8	60.5	62.3	63.9	65.5	67.2	68.7

NA. Not available. <sup>1</sup> See headnote, table 1505. <sup>2</sup> Total fertility rate: Average number of children that would be born per woman if all women lived to the end of their childbearing years and, at each year of age, they experienced the birth rates occurring in the specified year.

Source: Population Division of the United Nations, New York, N.Y., *World Population Prospects as Assessed in 1980, 1981, and Demographic Indicators of Countries: Estimates and Projections as Assessed in 1980, 1982*.

## NO. 1503. POPULATION AND AREA, BY REGION AND COUNTRY

(Population data generally are de facto figures for the present territory. Population estimates were derived from information available as of mid-1983. See table 1504 for country components of regions. See text, p. 854, for general comments concerning the data. For details of methodology, coverage, and reliability, see sources. Minus sign (—) indicates decrease)

COUNTRY AND STATUS OF DEVELOPMENT ● = More developed ★ = Less developed	LATEST POPULATION CENSUS <sup>1</sup>		MIDYEAR POPULATION ESTIMATES				Population per sq. mile, 1983	Area <sup>a</sup> (sq. mile)		
	Year	Number (1,000)	Number (1,000)			Avg. annual percent change <sup>2</sup> 1970-1980 1980-1983				
			1970	1980	1983					
World total.....	(x)	(x)	3,722,325	4,478,380	4,721,887	1.8	1.8	90	52,426,568	
Africa.....	(x)	(x)	358,524	472,223	516,037	2.8	3.0	44	11,710,634	
Northern America <sup>4</sup> .....	(x)	(x)	225,477	251,903	259,192	1.1	1.0	31	6,306,776	
Latin America.....	(x)	(x)	285,128	364,643	390,368	2.4	2.3	49	7,929,889	
Middle America.....	(x)	(x)	69,565	92,729	100,025	2.9	2.5	104	963,022	
Caribbean.....	(x)	(x)	25,034	29,455	30,699	1.6	1.4	334	91,840	
South America.....	(x)	(x)	191,528	242,458	259,644	2.4	2.3	38	6,875,027	
East Asia.....	(x)	(x)	1,010,329	1,212,619	1,265,794	1.8	1.4	278	4,550,414	
South Asia.....	(x)	(x)	1,118,944	1,404,988	1,505,825	2.3	2.3	247	6,101,493	
Europe.....	(x)	(x)	459,867	493,861	488,886	.5	.3	260	1,881,935	
Soviet Union.....	(x)	(x)	242,766	265,542	272,308	.9	.8	31	6,649,496	
Oceania.....	(x)	(x)	19,290	22,600	23,677	1.5	1.6	7	3,295,931	
COUNTRIES										
United States.....	1980	227,020	205,052	227,704	234,193	1.0	.9	65	3,615,105	
A	1979	15,551	12,422	15,245	14,177	2.0	-2.4	57	249,999	
★Afghanistan.....	1979	2,595	2,136	2,671	2,846	2.2	2.1	256	11,100	
★Albania.....	1979	16,260	13,932	18,828	20,695	3.0	3.2	23	919,591	
★Algeria.....	1970	5,646	5,573	6,979	7,567	2.3	2.7	16	481,351	
★Argentina.....	1980	27,947	23,962	28,237	29,627	1.6	1.6	28	1,068,297	
★Australia.....	1981	14,576	12,660	14,616	15,265	1.4	1.4	5	2,967,894	
★Austria.....	1981	7,555	7,426	7,553	7,574	.2	-.1	234	32,374	
★Bahamas, The.....	1980	210	171	210	223	2.1	2.0	41	5,380	
★Bahrain.....	1981	351	220	346	393	4.6	4.2	1,637	240	
★Bangladesh.....	1981	87,052	67,403	88,052	96,539	2.7	3.1	1,736	55,598	
★Barbados.....	1980	249	239	249	251	.4	.3	1,513	166	
★Belgium.....	1981	9,849	9,638	9,848	9,865	.2	-.1	837	11,781	
★Belize.....	1980	145	122	147	154	1.9	1.6	17	8,866	
★Benin.....	1979	3,338	2,823	3,465	3,792	2.8	3.0	87	43,483	
★Bhutan.....	1969	1,035	1,045	1,296	1,386	2.2	2.2	76	18,147	
★Bolivia.....	1976	4,613	4,265	5,450	5,883	2.5	2.6	14	424,162	
★Botswana.....	1981	937	650	899	1,001	3.2	3.6	4	231,804	
★Brazil.....	1980	119,071	95,684	122,407	131,305	2.5	2.3	40	3,286,472	
★Bulgaria.....	1975	8,728	8,490	8,862	8,944	.4	.3	209	42,823	
★Burma.....	1973	28,886	27,078	34,433	37,061	2.4	2.5	142	261,789	
★Burundi.....	1979	4,110	3,589	4,204	4,551	1.6	2.7	424	10,747	
★Cameroon.....	1976	7,132	6,727	8,582	9,251	2.4	2.5	50	183,568	
★Canada.....	1981	24,343	21,324	24,086	24,882	1.2	1.1	6	3,851,790	
★Cape Verde.....	1980	269	269	289	297	.7	.9	191	1,557	
★Central African Republic.....	1975	2,055	1,827	2,315	2,512	2.4	2.7	10	240,534	
★Chad.....	1964	3,254	3,707	4,416	4,990	1.7	4.1	10	495,753	
★Chile.....	1982	11,275	9,369	10,991	11,486	1.6	1.5	39	292,257	
China:										
★Mainland.....	1982	1,008,175	839,065	1,013,592	1,059,802	1.9	1.5	286	3,705,390	
★Taiwan.....	1980	17,969	14,598	17,800	18,810	2.0	1.8	1,510	12,456	
★Colombia.....	1973	21,056	21,430	26,056	27,663	2.0	2.0	63	439,735	
★Comoros.....	1980	408	278	406	442	3.8	2.8	528	838	
★Congo.....	1974	1,300	1,183	1,652	1,694	2.7	2.9	13	132,046	
★Costa Rica.....	1973	1,872	1,735	2,404	2,624	3.3	2.9	134	19,575	
★Cuba.....	1981	9,708	8,551	9,658	9,858	1.2	.7	223	44,218	
★Cyprus.....	1976	613	615	629	653	.2	1.3	183	3,572	
★Czechoslovakia.....	1980	15,283	14,319	15,255	15,420	.6	.4	312	49,370	
★Denmark.....	1976	5,073	4,929	5,123	5,115	.4	-.1	308	16,629	
★Djibouti.....	1979	260	158	279	276	5.7	-.4	33	8,494	
★Dominican Republic.....	1970	4,009	4,343	5,774	6,248	2.8	2.6	332	18,816	
★Ecuador.....	1982	8,025	5,958	8,021	8,811	3.0	3.1	80	109,483	
★Egypt.....	1976	35,626	33,197	42,135	45,851	2.4	2.8	119	386,660	
★El Salvador.....	1971	3,555	3,582	4,718	4,685	2.8	-.2	567	8,260	
★Equatorial Guinea.....	1980	246	291	250	268	-.15	2.4	25	10,830	
★Ethiopia.....	(x)	25,299	29,790	31,305	31,305	1.6	1.7	66	471,776	
★Fiji.....	1976	588	521	634	672	2.0	1.9	95	7,055	
★Finland.....	1980	4,788	4,605	4,780	4,850	.1	.5	27	130,119	
★France.....	1982	54,257	50,787	53,811	54,604	.6	.5	259	211,207	
★Gabon.....	1980	800	515	792	921	4.3	5.0	9	103,346	

See footnotes at end of table.

## Comparative International Statistics

## NO. 1503. POPULATION AND AREA, BY REGION AND COUNTRY—Continued

[See headnote, p. 857]

COUNTRY AND STATUS OF DEVELOPMENT	LATEST POPULATION CENSUS <sup>1</sup>		MIDYEAR POPULATION ESTIMATES					Population per sq. mile, 1983	Area <sup>2</sup> (sq. mile)		
	Year	Number (1,000)	Number (1,000)			Avg. annual percent change <sup>2</sup>					
			1970	1980	1983	1970-1980	1980-1983				
● More developed											
★ Less developed											
★ Gambia, The.....	1973	493	458	591	638	2.5	2.6	146	4,361		
● German Dem. Rep. ....	1981	16,732	17,070	16,737	16,724	-.2	(-z)	400	41,768		
● Germany, Fed. Rep. of .....	1970	60,651	60,714	61,561	61,543	-.1	(-z)	641	95,978		
★ Ghana.....	1970	8,559	8,789	12,130	13,367	3.2	3.2	145	92,099		
● Greece.....	1981	9,707	8,793	9,643	9,888	.9	.9	194	50,944		
★ Grenada.....	1970	94	95	107	111	1.2	1.3	838	133		
★ Guatemala.....	1981	6,044	5,262	7,120	7,714	3.0	2.7	183	42,042		
★ Guinea.....	(X)	(NA)	3,921	5,014	5,430	2.5	2.7	57	94,864		
★ Guinea-Bissau.....	1979	768	620	784	827	2.3	1.8	59	13,948		
★ Guyana.....	1970	702	715	817	833	1.3	.6	10	83,000		
● Haiti.....	1971	4,330	4,805	5,395	5,690	1.8	1.8	531	10,714		
● Honduras.....	1974	2,657	2,683	3,816	4,276	3.5	3.8	99	43,277		
● Hungary.....	1980	10,709	10,337	10,711	10,691	.4	-.1	298	35,919		
● Iceland.....	R 1981	232	204	228	236	1.1	1.1	6	39,768		
● India <sup>5</sup> .....	1981	885,185	559,619	685,119	730,572	2.1	2.1	577	1,266,595		
● Indonesia.....	1980	147,490	122,871	151,168	160,932	2.1	2.1	219	735,268		
● Iran.....	1976	33,709	29,933	35,752	42,490	2.9	3.1	57	636,293		
● Iraq.....	1977	12,000	9,414	13,130	14,509	3.3	3.3	86	187,924		
● Ireland.....	1981	3,443	2,956	3,414	3,534	1.4	1.2	130	27,136		
● Israel.....	1972	3,148	2,902	3,769	3,960	2.6	1.6	494	8,019		
● Italy.....	1981	56,244	53,661	56,176	56,345	.5	.1	484	116,303		
● Ivory Coast.....	1975	6,714	5,427	8,054	8,890	3.9	3.3	71	124,503		
● Jamaica.....	1970	1,849	1,944	2,243	2,395	1.4	1.4	552	4,232		
● Japan.....	1980	117,060	104,345	116,782	119,205	1.1	.7	829	143,750		
● Jordan.....	A 1981	1,711	2,233	3,115	3,420	3.3	3.1	91	37,737		
● Kampuchea.....	1982	5,729	7,060	5,892	5,996	-.2	1.7	86	69,898		
● Kenya.....	1979	15,327	11,256	16,431	18,580	3.8	4.1	83	224,560		
● Korea, Dem. Peo. Rep. of .....	(X)	(NA)	13,892	17,892	19,185	2.5	2.3	412	46,540		
● Korea, Republic of .....	1980	37,436	32,976	39,565	41,366	1.8	1.5	1,068	36,025		
● Kuwait.....	1980	1,356	748	1,372	1,652	6.1	6.2	240	6,880		
● Laos.....	(X)	(NA)	2,962	3,458	3,647	1.5	1.8	40	91,429		
● Lebanon.....	S 1970	2,126	2,383	2,649	2,598	1.1	-.7	647	4,015		
● Lesotho.....	1976	1,217	1,067	1,339	1,438	2.3	2.4	123	11,720		
● Liberia.....	A 1974	1,503	1,397	1,898	2,091	3.1	3.2	49	43,000		
● Libya.....	1973	2,249	1,956	3,019	3,498	4.3	4.8	5	579,359		
● Luxembourg.....	1981	365	339	364	366	7	-.1	366	998		
● Madagascar.....	1975	7,604	6,766	8,865	9,389	2.5	2.7	41	226,557		
● Malawi.....	1977	5,547	4,449	6,021	6,612	3.0	3.1	145	45,747		
● Malaysia.....	1980	13,426	10,910	14,001	14,995	2.5	2.3	118	127,316		
● Maldives.....	1977	143	115	154	168	2.9	3.0	1,462	115		
● Mali.....	1976	6,395	5,578	6,914	7,393	2.1	2.2	15	478,764		
● Malta.....	1987	316	326	364	363	1.1	-.1	2,975	122		
● Mauritania.....	1977	1,407	1,254	1,502	1,591	1.8	1.9	4	397,954		
● Mauritius.....	1972	851	830	957	1,002	1.4	1.5	1,269	790		
● Mexico.....	1980	67,383	52,775	70,111	75,702	2.8	2.6	99	761,601		
● Mongolia.....	1979	1,585	1,248	1,662	1,809	2.9	2.8	3	604,247		
● Morocco.....	1971	15,379	15,909	20,969	22,889	2.8	2.9	133	172,413		
● Mozambique.....	(X)	(NA)	9,442	12,103	13,047	2.5	2.5	42	305,494		
● Nepal.....	1981	15,020	11,919	14,892	16,169	2.3	2.5	297	54,362		
● Netherlands.....	1971	13,060	13,022	14,144	14,374	.8	-.5	911	15,770		
● New Zealand.....	1981	3,176	2,811	3,100	3,142	1.0	-.4	30	103,736		
● Nicaragua.....	1971	1,878	1,908	2,497	2,812	2.7	4.0	56	50,193		
● Niger.....	1977	5,098	4,100	5,528	6,083	3.0	3.2	12	489,189		
● Nigeria.....	(X)	(NA)	56,346	77,082	85,219	3.1	3.3	239	356,667		
● Norway.....	1980	4,091	3,877	4,086	4,181	.5	-.4	33	125,181		
● Oman.....	(X)	(NA)	654	891	978	3.1	3.1	12	82,030		
● Pakistan <sup>6</sup> .....	1981	83,782	65,706	85,743	94,780	2.7	3.3	305	310,403		
● Panama.....	1980	1,830	1,497	1,916	2,058	2.5	2.4	70	29,208		
● Papua New Guinea.....	1980	8,011	2,288	2,991	3,259	2.7	2.9	18	176,253		
● Paraguay.....	1972	2,358	2,477	3,244	3,526	2.7	2.8	22	157,047		
● Peru.....	1981	17,031	13,461	17,625	19,181	2.7	2.8	39	496,222		
● Philippines.....	1980	48,098	37,542	49,253	50,162	2.7	2.5	459	115,830		
● Poland.....	1978	35,061	32,526	35,578	36,556	.9	.9	303	120,725		
● Portugal.....	1981	8,803	9,044	9,884	10,008	.9	-.4	281	35,553		
● Qatar.....	1970	111	113	237	267	7.4	4.0	63	4,247		
● Romania.....	1977	21,560	20,253	22,201	22,649	.9	-.7	247	91,699		
● Rwanda.....	1978	4,819	3,785	5,114	5,644	3.0	3.3	555	10,169		

See footnotes at end of table.

## NO. 1503. POPULATION AND AREA, BY REGION AND COUNTRY—Continued

[See headnote, p. 857]

COUNTRY AND STATUS OF DEVELOPMENT ● = More developed ★ = Less developed	LATEST POPULATION CENSUS <sup>1</sup>	MIDYEAR POPULATION ESTIMATES					Population per square mile, 1983	Area <sup>3</sup> (sq. mile)
		Number (1,000)			Avg. annual percent change <sup>2</sup>			
		Year	Number (1,000)	1970	1980	1983	1970-1980	1980-1983
★Saint Lucia.....	1980	113	103	115	119	1.1	1.1	500 238
★Saint Vincent and the Grenadines.....	1970	87	88	122	134	3.3	3.2	893 150
★Saudi Arabia.....	1974	7,013	6,286	9,420	10,443	4.0	3.4	13 829,996
★Senegal.....	1976	5,069	4,318	5,765	6,335	2.9	3.1	84 75,750
★Sierra Leone.....	1974	2,735	2,727	3,429	3,705	2.3	2.6	134 27,899
★Singapore.....	1980	2,414	2,075	2,414	2,501	1.5	1.2	11,167 224
★Solomon Islands.....	1976	197	163	228	254	3.4	3.5	22 11,500
★Somalia.....	1975	3,494	3,231	5,373	6,248	5.1	5.0	25 246,200
★South Africa.....	1980	27,942	22,543	28,723	30,938	2.4	2.5	66 471,443
●Soviet Union.....	1979	262,436	242,766	265,542	272,308	.9	.8	31 8,649,496
●Spain.....	1981	37,682	33,878	37,488	38,234	1.0	.7	196 194,896
●Sri Lanka.....	1981	14,850	12,532	14,842	15,647	1.7	1.8	618 25,332
★Sudan.....	1973	14,114	13,788	18,745	20,539	3.1	3.0	21 987,495
★Suriname.....	1980	352	373	352	363	-.6	1.0	6 63,037
★Swaziland.....	1976	520	440	579	632	2.7	2.9	94 6,704
●Sweden.....	1975	8,209	8,043	8,210	8,321	.3	.1	48 173,731
●Switzerland.....	1980	6,366	6,267	6,385	6,463	.2	.4	405 15,941
★Syria.....	1981	9,155	6,258	6,795	8,739	3.4	3.4	136 71,498
★Tanzania.....	1978	17,528	13,446	18,616	20,524	3.3	3.2	56 364,898
★Thailand.....	1980	44,278	37,091	47,689	50,731	2.5	2.1	256 198,456
★Togo.....	1970	1,951	1,964	2,580	2,823	2.7	3.0	131 21,622
★Tonga.....	1976	90	86	97	104	1.2	2.0	384 270
★Trinidad and Tobago.....	1980	1,060	1,027	1,159	1,211	1.2	1.5	612 1,980
★Tunisia.....	1975	5,572	5,085	6,489	7,020	2.4	2.6	111 63,170
★Turkey.....	1980	44,737	35,758	46,025	49,155	2.5	2.2	163 301,381
★Uganda.....	1980	12,690	9,806	12,806	13,819	2.7	2.5	152 81,134
★United Arab Emirates.....	1980	1,040	244	985	1,374	14.0	11.1	43 32,278
●United Kingdom.....	1981	55,676	55,522	56,010	56,006	.1	(-x)	594 94,226
★Upper Volta.....	1975	5,638	5,163	6,138	6,569	1.7	2.3	62 105,869
★Uruguay.....	1975	2,788	2,824	2,987	2,916	.2	.3	43 68,037
★Vanuatu <sup>7</sup> .....	1979	112	84	117	127	3.2	2.7	22 5,700
★Venezuela.....	1981	14,802	10,962	16,302	17,993	4.0	3.3	51 352,143
★Vietnam.....	1979	52,742	43,729	53,511	57,036	2.0	2.1	444 128,401
★Western Samoa.....	1981	158	142	156	160	.9	.8	146 1,097
★Yemen, Peo. Dem. Rep. of.....	1973	1,590	1,497	1,916	2,086	2.5	2.8	16 128,559
★Yemen Arab Republic.....	1975	4,520	4,354	5,304	5,744	2.0	2.7	76 75,290
●Yugoslavia.....	1981	22,428	20,371	22,304	22,826	.9	.8	231 98,766
★Zaire.....	1974	24,327	21,638	28,624	31,250	2.8	2.9	35 905,583
★Zambia.....	1980	5,680	4,247	5,771	6,346	3.1	3.2	22 290,584
★Zimbabwe.....	1969	5,098	5,546	7,556	8,376	3.1	3.4	56 150,803
AREAS OF SPECIAL SOVEREIGNTY AND DEPENDENCIES								
●Brunei.....	1981	193	128	185	209	3.7	4.1	94 2,226
●Channel Islands.....	1981	133	122	132	135	.8	.8	1,803 75
★French Polynesia.....	1977	137	116	147	158	2.3	2.0	15 10,210
★Gaza Strip.....	1957	356	329	424	455	2.5	2.3	3,116 146
★Guadeloupe.....	1974	324	320	318	312	-.1	-.6	454 687
★Guam.....	1980	106	86	107	113	2.1	1.8	541 209
★Hong Kong.....	1981	5,021	3,959	5,038	5,813	2.4	1.8	13,183 403
★Macau.....	1970	249	245	287	304	1.6	1.9	50,667 6
★Martinique.....	1974	324	325	312	303	-.4	-1.0	712 425
★Namibia.....	1981	1,010	766	984	1,078	2.5	3.0	3 318,259
★Netherlands Antilles.....	1971	218	218	241	247	1.0	.8	779 317
★New Caledonia.....	1976	133	112	139	145	2.2	1.6	17 8,548
★Pacific Is., Trust Terr. of.....	1980	116	89	116	123	2.6	2.1	179 687
★Puerto Rico.....	1980	3,197	2,716	3,204	3,295	1.7	.9	959 3,435
★Reunion.....	1974	477	445	510	535	1.4	1.6	552 969
★Virgin Islands.....	1980	97	63	98	103	4.3	1.7	773 133

NA Not available. X Not applicable. Z Less than .05 percent. <sup>1</sup> For countries in which no recent census has been taken, survey or national registry data (identified respectively as "S" and "R") are shown. For countries in which the unadjusted census returns are not reported, adjusted census returns (identified respectively as "A") are shown. <sup>2</sup> Computed by the exponential method. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>3</sup> Includes inland waters. Data from U.S. Department of State, *Status of the World's Nations*, biennial, and Statistical Office of the United Nations, New York, N.Y., *Demographic Yearbook*. <sup>4</sup> Includes Bermuda, Canada, Greenland, St. Pierre and Miquelon, and United States. <sup>5</sup> Includes the Indian-held part of Jammu and Kashmir. <sup>6</sup> Excludes the Pakistani-held part of Jammu and Kashmir. <sup>7</sup> Formerly New Hebrides.

Source: U.S. Bureau of the Census, *World Population 1983*, forthcoming; and unpublished data.

## NO. 1504. POPULATION PROJECTIONS, BY REGION AND FOR SELECTED COUNTRIES: 1990 TO 2025

[In millions. Source of data presents 3 series of projections. Figures shown here are for *medium series*.]

REGION AND COUNTRY	1990	1995	2000	2025	REGION AND COUNTRY	1990	1995	2000	2025
<b>World, total</b>	<b>5,241.9</b>	<b>5,677.2</b>	<b>6,116.9</b>	<b>8,195.1</b>	Northern America <sup>2</sup>	273.8	288.5	298.8	343.5
More developed <sup>1</sup>	1,206.1	1,241.9	1,272.2	1,376.8	Canada	26.2	33.3	34.8	37.5
Less developed <sup>1</sup>	4,035.7	4,435.3	4,846.7	6,818.3	United States	246.5	265.1	263.8	305.6
<b>Africa</b>	<b>835.4</b>	<b>737.7</b>	<b>862.9</b>	<b>1,541.7</b>	East Asia <sup>2</sup>	1,327.0	1,401.6	1,474.7	1,712.1
<b>Eastern Africa <sup>2</sup></b>	182.8	213.9	250.0	477.9	China: Mainland	1,127.6	1,193.0	1,257.3	1,469.3
Burundi	5.6	6.3	7.2	13.3	Hong Kong	6.3	8.7	7.0	7.9
Ethiopia	41.3	47.8	54.7	93.6	Japan	123.2	126.2	129.3	131.5
Kenya	24.8	30.4	37.1	82.3	Korea, Dem. People's Rep. of	22.4	24.9	27.3	37.6
Madagascar	11.5	13.3	15.2	26.4	Korea, Rep. of	45.0	48.0	50.8	61.5
Malawi	8.6	10.2	12.0	23.0					
Mozambique	13.9	16.1	18.7	36.3	<b>South Asia</b>	<b>1,730.8</b>	<b>1,903.6</b>	<b>2,074.8</b>	<b>2,819.3</b>
Rwanda	6.7	7.9	9.3	19.6	<b>Eastern So. Asia <sup>2</sup></b>	440.3	481.1	520.4	688.5
Somalia	5.8	6.3	7.2	13.4	Burma	44.7	49.9	55.1	81.6
Uganda	18.3	21.6	25.4	51.9	Indonesia	173.5	186.7	198.7	246.9
Tanzania	24.8	29.1	34.0	63.6	Kampuchea	8.7	9.7	10.6	14.1
Zambia	8.1	9.6	11.3	21.8	Laos	4.7	5.2	5.7	8.2
Zimbabwe	10.5	12.5	14.7	28.4	Malaysia	17.7	19.5	21.3	28.8
<b>Middle Africa <sup>2</sup></b>	69.6	79.8	91.4	162.2	Philippines	62.8	70.0	77.0	107.7
Angola	9.3	10.7	12.4	23.6	Singapore	2.7	2.8	3.0	3.3
Cameroun	10.8	12.3	13.9	23.4	Thailand	57.9	63.4	68.6	80.1
Cen. African Rep.	3.0	3.4	3.9	7.4	Vietnam	66.2	72.5	78.9	105.7
Chad	5.6	6.3	7.1	12.2	<b>Middle So. Asia <sup>2</sup></b>	<b>1,159.9</b>	<b>1,273.6</b>	<b>1,386.3</b>	<b>1,867.0</b>
Zaire	37.7	43.5	50.0	87.9	<b>Afghanistan</b>	20.6	23.5	26.5	42.1
<b>Northern Africa <sup>2</sup></b>	<b>144.5</b>	<b>164.7</b>	<b>186.2</b>	<b>295.9</b>	<b>Bangladesh</b>	116.2	132.0	148.4	221.8
Algeria	26.9	31.9	37.0	62.9	<b>India</b>	820.9	891.7	986.6	1,233.8
Egypt	52.7	58.4	64.4	94.9	Iran	51.0	58.0	64.9	99.4
Libya	4.3	5.2	6.1	10.9	Nepal	18.0	20.2	22.5	33.6
Morocco	27.8	32.1	36.5	59.3	Pakistan	113.4	126.6	140.0	206.0
Sudan	24.5	28.2	32.3	54.4	Sri Lanka	18.1	19.7	21.1	26.8
Tunisia	8.0	8.8	9.6	13.1	<b>Western So. Asia <sup>2</sup></b>	<b>130.6</b>	<b>149.0</b>	<b>168.1</b>	<b>263.8</b>
<b>Southern Africa <sup>2</sup></b>	<b>44.0</b>	<b>50.6</b>	<b>58.0</b>	<b>100.6</b>	<b>Iraq</b>	18.1	21.1	24.2	40.4
South Africa	39.0	44.9	51.3	88.3	<b>Israel</b>	4.8	5.2	5.6	7.5
<b>Western Africa <sup>2</sup></b>	<b>194.7</b>	<b>228.6</b>	<b>267.3</b>	<b>505.1</b>	<b>Jordan</b>	4.7	5.5	6.5	11.2
Benin	4.9	5.7	6.8	13.9	<b>Lebanon</b>	3.3	3.7	4.0	5.6
Ghana	16.2	19.1	22.3	42.0	<b>Saudi Arabia</b>	12.9	15.2	17.8	31.0
Guinea	6.6	7.6	8.8	16.8	<b>Syria</b>	13.2	15.9	18.7	32.7
Ivory Coast	11.0	12.7	14.8	26.7	<b>Turkey</b>	57.3	63.7	70.0	100.4
Mali	9.3	10.8	12.6	25.0	<b>Yemen Arab Rep.</b>	7.4	8.6	9.8	16.3
Niger	7.3	8.6	10.0	20.5	<b>Europe (excl. Soviet Union)</b>	<b>499.3</b>	<b>506.0</b>	<b>512.0</b>	<b>522.2</b>
Nigeria	108.0	127.5	150.0	285.5	<b>Eastern Europe</b>	116.3	118.8	121.4	130.7
Senegal	7.4	8.5	9.7	16.8	<b>Bulgaria</b>	9.4	9.6	9.7	10.1
Togo	3.6	4.2	4.8	8.9	<b>Czechoslovakia</b>	16.1	16.4	16.8	18.5
Upper Volta	9.1	10.4	11.9	20.5	<b>German Dem. Rep.</b>	16.9	16.9	16.9	16.4
<b>Latin America</b>	<b>459.3</b>	<b>511.4</b>	<b>565.7</b>	<b>865.2</b>	<b>Hungary</b>	10.9	10.9	11.0	10.9
Caribbean <sup>2</sup>	36.6	39.9	43.3	61.9	<b>Poland</b>	39.0	40.1	41.2	45.7
Cuba	10.5	11.2	11.7	13.6	<b>Romania</b>	24.0	24.9	25.7	29.0
Dominican Rep.	7.5	8.4	9.3	14.5	<b>Northern Europe <sup>2</sup></b>	<b>82.3</b>	<b>82.5</b>	<b>82.6</b>	<b>81.3</b>
Haiti	7.5	8.6	9.9	18.3	<b>Denmark</b>	5.2	5.2	5.2	5.1
<b>Middle America <sup>2</sup></b>	<b>122.4</b>	<b>138.7</b>	<b>155.7</b>	<b>242.9</b>	<b>Finland</b>	5.0	5.0	5.1	4.8
El Salvador	6.5	7.5	8.7	15.0	<b>Ireland</b>	3.7	3.9	4.1	5.0
Guatemala	9.7	11.1	12.7	21.7	<b>Norway</b>	4.2	4.3	4.3	4.4
Honduras	5.1	6.0	7.0	13.3	<b>Sweden</b>	8.2	8.1	8.1	7.6
Mexico	92.0	103.8	115.7	174.0	<b>United Kingdom</b>	55.5	55.4	55.2	53.7
Nicaragua	3.8	4.4	5.2	9.8	<b>Southern Europe <sup>2</sup></b>	<b>147.1</b>	<b>150.6</b>	<b>153.6</b>	<b>160.6</b>
<b>Temperate South America <sup>2</sup></b>	<b>46.5</b>	<b>49.1</b>	<b>51.6</b>	<b>61.9</b>	<b>Albania</b>	3.4	3.6	3.9	5.0
Argentina	30.3	31.8	33.2	39.1	<b>Greece</b>	9.9	10.1	10.4	11.2
Chile	13.1	14.0	14.9	18.6	<b>Italy</b>	58.4	58.9	59.1	57.0
Uruguay	3.2	3.3	3.4	4.1	<b>Portugal</b>	10.5	10.9	11.2	12.3
<b>Tropical South America <sup>2</sup></b>	<b>253.8</b>	<b>283.7</b>	<b>315.1</b>	<b>498.5</b>	<b>Spain</b>	40.5	42.0	43.4	48.3
Bolivia	7.3	8.4	9.7	19.5	<b>Yugoslavia</b>	23.9	24.6	25.2	26.3
Brazil	153.2	169.9	187.5	291.3	<b>Western Europe <sup>2</sup></b>	<b>153.5</b>	<b>154.2</b>	<b>154.5</b>	<b>149.6</b>
Colombia	31.8	34.9	38.0	51.7	<b>Austria</b>	7.4	7.4	7.4	7.1
Ecuador	10.9	12.7	14.6	25.7	<b>Belgium</b>	9.9	9.9	10.0	9.7
Paraguay	4.2	4.8	5.4	8.6	<b>France</b>	55.0	55.6	56.3	57.1
Peru	23.4	26.8	30.7	56.0	<b>Germany, Fed. Rep. of</b>	59.8	59.3	58.5	54.0
Venezuela	21.3	24.2	27.2	42.6	<b>Netherlands</b>	14.7	15.0	15.2	15.2
					<b>Switzerland</b>	6.5	6.5	6.5	6.0
					<b>Soviet Union</b>	290.2	300.4	310.2	355.0
					<b>Oceania <sup>3</sup></b>	26.2	28.0	29.7	35.1
					<b>Australia</b>	16.2	17.0	17.8	19.9
					<b>New Zealand</b>	3.7	3.8	4.0	4.7
					<b>Papua New Guinea</b>	4.1	4.6	5.2	6.0

<sup>1</sup> Regions. <sup>2</sup> Includes countries not shown separately.Source: Population Division of the United Nations, New York, N.Y., *World Population Prospects as Assessed in 1980*, 1981.

**NO. 1505. URBAN POPULATION, GROWTH, BIRTH, AND DEATH RATES AND LIFE EXPECTANCY—  
SELECTED COUNTRIES**

[Covers countries with 10 million or more population in 1983. **Growth rate:** Annual increase (or decrease) to the population resulting from a surplus or deficit of births over deaths and a surplus or deficit of migrants into or out of the country, expressed as a percentage of the base population. **Crude birth rate:** Number of births during 1 year per 1,000 persons (based on midyear population). **Crude death rate:** Number of deaths during 1 year per 1,000 persons (based on midyear population). Minus sign (—) indicates decrease]

COUNTRY	URBAN POPULATION		Growth rate of population, 1983 (per- cent)	Crude birth rate, 1983	Crude death rate, 1983	EXPECTATION OF LIFE AT BIRTH			
	Year or period	Per- cent of total popu- lation				Year or period	Both sexes (yr.)	Male (yr.)	Female (yr.)
United States .....	1980	74	.9	16	8	1979	74	70	78
Afghanistan .....	1979	15	1.5-1.8	48	23	1978-79	41	41	40
Algeria.....	1977	41	3.0-3.3	41-44	11	1977	55	54	56
Argentina.....	1970	79	1.5-1.6	24-25	9	1975-80	69	65	72
Australia.....	1981	86	1.3	15	7	1981	75	71	78
Bangladesh .....	1974	9	3.1	49	18	1984-85	48	50	47
Brazil .....	1980	68	2.3	31	7	1974-75	60	58	63
Burma.....	1973	24	2.2-2.6	35-38	12-13	(x)	(NA)	(NA)	(NA)
Canada.....	1981	76	1.0	15	7	1976	74	70	77
Chile.....	1982	81	1.5	23	7	1969-70	62	58	65
China: Mainland .....	1982	21	1.3-1.6	20-24	7-9	(x)	(NA)	(NA)	(NA)
Taiwan.....	1979	68	1.8	23	5	1981	72	70	75
Colombia.....	1973	64	1.9-2.3	27-30	7	1973	59	57	61
Czechoslovakia.....	1981	73	-.3	15	12	1981	71	67	74
Egypt.....	1976	44	2.7-2.8	37-39	10	1975	54	53	55
Ethiopia.....	1977	12	2.0-2.6	42-52	20-26	1964-71	36-44	(NA)	(NA)
France.....	1975	73	-.5	16	10	1978-80	74	70	78
German Dem. Rep.....	1981	76	-.3	14	14	1980	72	69	75
Germany, Fed. Rep. of.....	(X)	(NA)	-.2	10	12	1978-80	73	70	76
Ghana .....	1970	29	3.2-3.5	44-47	12	1970	49	47	50
Hungary .....	1982	54	-.1	12	13	1981	70	66	73
India.....	1981	23	2.1-2.2	34-35	13-14	1976-77	50	51	50
Indonesia.....	1980	22	2.0-2.2	33-35	13	1975	46	45	48
Iran.....	1976	47	3.0-3.2	42-45	12	1973-76	58	58	57
Iraq.....	1977	64	3.3-3.4	46-48	12-14	(x)	(NA)	(NA)	(NA)
Italy.....	(X)	(NA)	-.1	11	10	1974-77	73	70	76
Japan.....	1975	76	.5-6	12-13	6	1980-81	76	73	79
Kenya.....	1979	13	4.0-4.2	52-53	12	1977	53	51	56
Korea, Dem. Peo. Rep. of.....	(X)	(NA)	2.1-2.6	29-33	7-8	(x)	(NA)	(NA)	(NA)
Korea, Republic of .....	1980	57	1.4-1.6	22-24	7	1978-79	68	63	68
Malaysia.....	1970	27	2.1-2.4	28-31	7	1970	60	59	62
Mexico.....	1970	59	2.5-2.6	32-33	6	1970	61	59	63
Morocco.....	1971	35	2.8-3.0	40-44	12	1972	51	51	52
Mozambique.....	1980	15	2.4-3.1	42-46	17-18	(x)	(NA)	(NA)	(NA)
Nepal.....	1971	4	2.5	43	18	1976-78	44	45	44
Netherlands.....	1981	52	-.4	13	8	1979	76	72	79
Nigeria.....	1971-73	28	3.0-3.5	48-51	16-18	1970-73	41	40	43
Pakistan.....	1981	28	2.6-2.8	43-45	15-16	1962-65	48	49	47
Peru.....	1981	65	2.5-3.0	35-41	10	1970-75	55	53	57
Philippines .....	1975	32	2.3-2.6	31-34	7	1975	61	59	64
Poland.....	1982	59	-.9	19	9	1980-81	71	67	75
Portugal.....	1970	26	-.4	16	10	1979	71	67	74
Romania.....	1980	50	-.6	18	10	1976-78	70	67	72
Saudi Arabia.....	(X)	(NA)	3.3-3.4	42-43	12	(x)	(NA)	(NA)	(NA)
South Africa.....	1980	53	2.3-2.6	32-35	10-11	1969-71	54	51	56
Soviet Union.....	1982	64	-.7-9	18-20	10	1980	69	(NA)	(NA)
Spain.....	1970	64	-.5	13	7	1975	73	70	76
Sri Lanka.....	1981	22	1.8	27-28	5-6	1970-72	64	63	66
Sudan.....	1973	18	2.7-3.3	45-49	17-18	1968-73	45-47	43-46	46-47
Tanzania .....	1978	13	3.1-3.3	44-48	13-15	1973	45-49	(NA)	(NA)
Thailand .....	1980	17	1.8-2.1	24-28	6-7	1974-75	61	58	64
Turkey .....	1980	44	2.1-2.2	30-31	10	1974-75	57	55	58
Uganda.....	1969	8	3.0-3.5	46-50	15-18	1969	46	46	47
United Kingdom.....	1971	77	-	13	12	1977-79	73	70	76
Venezuela.....	1971	73	3.0-3.2	35-37	5	1974-75	67	64	68
Vietnam.....	1979	19	1.9-2.5	32-36	9-11	(x)	(NA)	(NA)	(NA)
Yugoslavia.....	1981	47	-.7-8	16-17	9	1979	70	68	73
Zaire.....	1970	22	2.6-3.1	43-46	15-17	1955-57	37-40	(NA)	(NA)

- Represents or rounds to zero. NA Not available. X Not applicable.

Source: U.S. Bureau of the Census, *World Population 1983*, forthcoming.

## Comparative International Statistics

## NO. 1506. INFANT MORTALITY, HOSPITALS, AND HEALTH PERSONNEL, BY COUNTRY

*(Infant mortality rate: Number of deaths of children under 1 year of age per 1,000 live births in a calendar year. Hospitals: Data refer to hospitals and other medical establishments with beds but exclude old people's homes and establishments for custodial or preventive care only. Health personnel: Data refer to persons fully qualified from medical or dental schools and working within the country. See text, p. 854, for general comments concerning the data. For additional qualifications of data for individual countries, see source.)*

COUNTRY	INFANT MORTALITY		HOSPITALS			HEALTH PERSONNEL				
	Year or period	Rate	Year	Number	Beds (1,000)	Popula- tion per bed	Year	Physi- cians	Popula- tion per physician	Dentists, number
United States.....	1982	11	1980	7,051	1,333.4	171	1980	414,916	549	126,420
Afghanistan.....	1978-79	182	1981	64	4.3	3,798	1981	1,215	13,467	110
Algeria.....	1977	127	1979	367	47.1	3,406	1979	6,881	2,780	1,483
Argentina.....	1979	39	1971	2,864	133.8	176	1975	48,693	580	(NA)
Australia.....	1981	10	1977	2,369	175.0	80	1980	26,140	659	6,200
Bangladesh.....	1977-78	148	1981	504	19.7	4,545	1981	10,065	8,905	248
Brazil.....	1976	81	1976	5,426	445.8	245	1974	62,743	1,632	(NA)
Burma.....	(X)	(NA)	1981	514	29.5	1,226	1981	7,321	4,940	410
Canada.....	1980	10	1978	1,228	182.8	129	1979	43,192	548	10,000
Chile.....	1980	35	1980	300	38.0	292	1979	1,5671	1,926	1,477
China: Mainland .....	(X)	(NA)	1981	65,911	2,017.1	491	1981	1518,089	1,910	(NA)
Taiwan .....	1978	24	1981	11,186	44.1	412	1981	113,639	1,330	2,128
Colombia.....	1973	77	1980	849	44.5	809	1977	12,720	1,969	4,407
Czechoslovakia .....	1982	16	1981	3,580	180.7	80	1981	43,246	354	7,676
Egypt.....	1979	77	1981	1,521	86.9	500	1981	53,342	815	7,473
Ethiopia.....	1964-71	155-200	1980	86	11.1	2,787	1980	428	72,582	16
France .....	1981	10	1977	3,548	644.1	82	1977	191,442	580	27,683
German Dem. Rep. ....	1981	12	1978	(NA)	177.4	94	1980	33,894	494	9,709
Germany, F.R. ....	1981	12	1980	3,234	707.7	87	1980	139,431	442	33,240
Ghana.....	1970	115	1979	329	17.0	685	1981	1,665	7,245	95
Hungary.....	1982	20	1981	(NA)	388.3	109	1981	27,431	390	3,383
India.....	1978	125	1981	8,826	540.8	1,285	1981	268,712	2,545	8,646
Indonesia.....	1975	114	1979	998	83.1	1,797	1979	12,400	11,740	2,500
Iran.....	1974-76	112	1981	585	61.4	640	1981	15,182	2,590	2,218
Iraq.....	(X)	(NA)	1981	205	25.4	532	1981	7,624	1,772	1,387
Italy.....	1981	14	1979	1,832	554.6	103	1979	184,555	345	(NA)
Japan.....	1981	7	1981	9,224	1,362.2	86	1981	154,578	761	52,369
Kenya.....	1977	83	1978	(NA)	24.7	601	1978	1,466	10,136	230
Korea, Dem. Peo. Rep. of....	(X)	(NA)	1979	(NA)	210.0	83	1979	40,750	420	(NA)
Korea, Rep. of....	1978-79	36	1981	(NA)	63.8	607	1981	26,875	1,441	3,947
Malaysia .....	1978	29	1981	163	32.1	370	1980	3,514	3,267	674
Mexico.....	1976-77	61	1974	1,575	67.4	863	1974	21,571	2,135	1,879
Morocco.....	1972	182	1981	3,143	24.3	848	1981	1,153	17,906	17
Mozambique.....	1967-68	147-150	1980	321	13.2	794	1980	309	33,883	196
Nepal.....	1976-78	119	1980	68	2.6	5,271	1980	487	28,767	117
Netherlands.....	1981	8	1980	788	177.3	80	1979	25,947	541	(NA)
Nigeria.....	1965-66	178	1980	10,270	61.6	1,251	1980	8,037	9,591	285
Pakistan.....	1971	142	1981	(NA)	48.4	1,746	1981	26,868	3,172	4,599
Peru.....	1970-75	114	1977	437	29.9	547	1979	11,682	1,480	3,477
Philippines.....	1976	66	1980	(NA)	93.5	518	1981	17,378	6,713	1,090
Poland.....	1981	21	1979	1,086	266.4	192	1979	61,460	573	16,527
Portugal.....	1979	26	1978	502	52.3	187	1979	18,088	544	484
Romania.....	1981	28	1981	(NA)	196.1	114	1981	34,440	1,652	17,509
Saudi Arabia.....	(X)	(NA)	1981	95	14.5	645	1981	3,576	2,606	218
South Africa.....	1969-71	118	1973	788	158.2	152	1978	14,526	1,808	2,369
Soviet Union.....	1980	28-30	1980	23,100	3,324.2	80	1980	995,600	267	(NA)
Spain.....	1981	10	1979	1,135	203.8	182	1981	76,569	390	4,032
Sri Lanka.....	1978	38	1981	488	44.0	340	1981	1,964	17,631	269
Sudan.....	1968-73	140-144	1981	160	17.3	1,091	1981	2,169	8,714	334
Tanzania .....	1973	120-130	1977	2,407	33.7	464	1977	960	16,282	45
Thailand.....	1974-75	76	1980	714	71.7	658	1980	6,867	6,870	2,124
Turkey.....	1974-75	125	1981	831	97.8	474	1981	28,411	1,632	6,790
Uganda.....	1969	120	1981	485	19.8	689	1981	611	22,291	17
United Kingdom .....	1981	11	1980	3,106	387.9	127	1979	78,649	711	(NA)
Venezuela.....	1974-75	47	1978	444	41.4	319	1978	14,771	888	4,342
Vietnam.....	(X)	(NA)	1981	311,550	302.3	372	1981	13,517	4,067	1,803
Yugoslavia.....	1981	31	1980	(NA)	133.4	167	1981	33,444	873	7,430
Zaire.....	1955-57	165-177	1979	942	79.2	322	1979	1,900	13,452	156

NA Not available X Not applicable. <sup>1</sup> Personnel in government service.

<sup>2</sup> Government establishments only. <sup>4</sup> Includes nonuniversity level pharmacists.

Census. Data from Republic of China, *Statistical Yearbook of the Republic of China, 1982*.

<sup>7</sup> Stomatologists and odontologists included with physicians. <sup>8</sup> Number of registered persons.

Malaysia only. <sup>10</sup> 1979 data. <sup>11</sup> Health data cover Mainland Tanzania only.

<sup>2</sup> Includes nonuniversity level dentists.

<sup>6</sup> Source of health data: U.S. Bureau of the

Census. <sup>9</sup> Health data cover West

Malaysia only.

<sup>12</sup> Health data cover England and Wales only.

Source: Infant mortality—U.S. Bureau of the Census, *World Population 1983*, forthcoming; Health—Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

# Suicide Rates—Education and Illiteracy

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## NO. 1507. SUICIDE RATES FOR SELECTED COUNTRIES, BY SEX AND AGE GROUP: 1975 AND 1981

[Rate per 100,000 population. Includes deaths resulting indirectly from self-inflicted injuries]

COUNTRY	MALE					FEMALE						
	1975, total	1981				1975, total	1981					
		Total 1	15-24 yr.	25-44 yr.	45-64 yr.		Total 1	15-24 yr.	25-44 yr.	45-64 yr.		
United States <sup>2</sup> .....	18.9	18.6	20.2	24.0	23.7	35.0	6.8	5.6	4.3	7.7	8.9	6.1
Australia <sup>2</sup> .....	15.2	16.4	17.6	23.1	23.1	25.3	7.0	5.6	4.5	8.1	8.6	7.9
Austria .....	35.5	40.4	30.1	43.2	61.9	85.7	13.9	15.1	10.5	14.0	19.9	29.3
Canada <sup>2</sup> .....	17.2	22.3	27.8	30.3	30.2	28.6	6.4	7.3	5.7	10.1	12.8	8.7
Denmark <sup>2</sup> .....	29.9	38.8	17.3	45.4	63.7	74.5	18.4	21.3	21.6	40.5	36.1	36.1
France <sup>2</sup> .....	22.9	24.7	14.0	25.5	38.2	62.3	9.0	10.0	5.2	9.1	14.9	21.6
Germany, Fed. Rep. ....	27.8	29.6	21.2	33.1	40.5	59.0	14.6	14.4	6.4	12.5	21.3	27.3
Ireland <sup>2</sup> .....	6.6	6.4	6.2	11.1	12.1	4.3	2.8	3.5	2.5	4.8	8.4	3.6
Israel <sup>2</sup> <sup>3</sup> .....	9.6	8.1	10.8	9.4	12.9	23.4	7.1	3.8	1.2	4.3	6.6	15.8
Japan <sup>2</sup> .....	21.4	22.2	16.6	26.8	32.9	51.3	14.6	13.1	8.2	11.9	16.3	44.4
Netherlands .....	10.8	12.2	5.3	14.5	20.7	28.2	7.0	7.9	3.8	8.7	12.9	15.9
Norway .....	14.2	19.1	20.2	22.5	32.0	22.3	5.8	6.5	3.3	8.0	13.4	6.5
Poland <sup>2</sup> .....	19.3	21.8	18.5	31.8	34.9	24.7	3.7	4.0	4.3	4.6	19.6	5.8
Sweden <sup>2</sup> .....	27.7	27.6	16.9	35.3	39.4	42.7	11.2	11.3	5.8	13.6	19.6	13.2
Switzerland <sup>2</sup> .....	32.5	36.6	34.8	39.1	53.1	66.1	12.9	15.2	12.5	16.0	21.1	25.2
United Kingdom <sup>1</sup> .....	9.1	11.4	7.0	14.8	17.6	18.3	6.0	6.5	2.1	5.8	11.1	12.5

<sup>1</sup> Includes other age groups not shown separately.

<sup>2</sup> 1981 data not available. 1980 data shown for U.S., Australia, Denmark, Israel, Japan, Sweden, and Switzerland; 1979 data shown for Poland; 1978 data shown for Canada, France, and Ireland. <sup>3</sup> Jewish population.

Source: World Health Organization, Geneva, Switzerland, *World Health Statistics*, annual; and unpublished data.

## NO. 1508. EDUCATION AND ILLITERACY, BY COUNTRY

[**Teachers and students:** Data cover both public and private schools for school year beginning in year stated and exclude schools and classes organized for adults or handicapped children. **Expenditure:** Include both capital and current expenditures on public education and subsidized private education converted to U.S. dollars at end of period exchange rates then in effect. For all communist countries except Bulgaria, German Democratic Republic, and Romania, non-commercial rates were used. **Illiteracy:** Defined as inability both to read and write in any, or a specified, language. See text, p. 854, for general comments concerning the data. For additional qualifications for individual countries, see source]

COUNTRY	Year	1ST LEVEL <sup>1</sup>		2D LEVEL <sup>2</sup>		PUBLIC EXPENDITURE FOR EDUCATION				Illiterate population, 1980: percent of population, 15 years old and over	
		Teachers (1,000)	Students enrolled (1,000)	Teachers (1,000)	Students enrolled (1,000)	Year	Total (mil. dol.)	Percent of—			
								Total public expenditure	Gross nation- al product		
United States.....	1979	<sup>3</sup> 1,351	<sup>3</sup> 28,559	<sup>3</sup> 1,100	<sup>3</sup> 14,556	1979	152,200	(NA)	6.4	.5	
Afghanistan.....	1979	33	1,006	6	133	1980	70	12.7	(NA)	88.7	
Algeria.....	1980	88	3,119	<sup>4</sup> 37	<sup>4</sup> 933	1980	3,111	24.3	<sup>5</sup> 8.1	58.2	
Angola.....	1972	13	516	5	79	1979	(NA)	(NA)	<sup>5</sup> 4.7	(NA)	
Argentina.....	1981	200	4,035	<sup>4</sup> 179	<sup>4</sup> 1,297	1979	2,914	15.2	3.4	6.7	
Australia.....	1980	791	1,688	85	1,096	1979	7,412	15.0	6.0	.5	
Austria.....	1980	28	400	64	740	1979	4,112	(NA)	5.6	.5	
Bangladesh.....	1981	188	8,237	<sup>8</sup> 112	<sup>8</sup> 2,363	1979	<sup>9</sup> 143	<sup>9</sup> 7.0	<sup>9</sup> 1.5	58.6	
Belgium.....	1980	46	<sup>3</sup> 842	<sup>10</sup> 71	<sup>8</sup> 835	1979	6,875	<sup>9</sup> 16.2	<sup>9</sup> 8.1	.5	
Brazil.....	1979	863	22,025	<sup>11</sup> 181	<sup>11</sup> 2,538	1979	4,798	(NA)	3.6	24.5	
Bulgaria.....	1980	52	994	26	315	1979	1,062	(NA)	<sup>12</sup> 5.3	5.6	
Burma.....	1977	68	3,711	24	886	1977	69	12.2	1.6	30.3	
Cameroun.....	1979	25	1,303	8	213	1978	164	17.7	3.1	44.8	
Canada.....	1979	119	2,206	139	<sup>12</sup> 3,888	1979	16,990	18.3	7.7	.5	
Chile.....	1979	66	2,235	27	536	1979	725	(NA)	3.8	7.5	
China: Mainland.....	1980	5,499	146,270	3,172	56,778	(X)	(NA)	(NA)	(NA)	(NA)	
Colombia.....	1980	136	4,168	89	1,811	1980	<sup>9</sup> 574	<sup>9</sup> 14.3	<sup>9</sup> 1.9	13.7	
Cuba.....	1979	87	1,550	<sup>13</sup> 62	1,009	1979	1,657	(NA)	(NA)	(NA)	
Czechoslovakia.....	1980	90	1,904	33	389	1978	1,992	7.5	<sup>12</sup> 4.9	(NA)	
Ecuador.....	1979	<sup>14</sup> 40	1,428	<sup>14</sup> 31	<sup>14</sup> 535	1978	<sup>9</sup> 261	<sup>9</sup> 25.2	<sup>9</sup> 3.6	18.7	
Egypt.....	1980	168	4,663	122	2,928	1979	771	(NA)	4.1	45.7	
Ethiopia.....	1980	33	2,131	<sup>15</sup> 10	<sup>15</sup> 428	1978	<sup>6</sup> <sup>15</sup> 69	(NA)	<sup>6</sup> 15.2	95.2	
France.....	1979	232	4,651	365	5,008	1979	<sup>10</sup> 20,793	<sup>12</sup> 17.8	3.5	.5	
German Dem. Rep. ....	1980	<sup>18</sup> 169	2,204	<sup>19</sup> 16	506	1979	<sup>8</sup> 5,560	(NA)	<sup>8</sup> 12.5	(NA)	
Germany, Fed. Rep. of.....	1980	274	5,044	298	4,301	1979	37,348	13.6	4.7	.5	
Ghana.....	1978	<sup>20</sup> 48	<sup>20</sup> 1,295	32	614	1979	<sup>6</sup> 284	(NA)	<sup>6</sup> 2.8	55.2	

See footnotes at end of table.

## No. 1508. EDUCATION AND ILLITERACY, BY COUNTRY—Continued

(See headnote, p. 863)

COUNTRY	Year	1ST LEVEL <sup>1</sup>		2D LEVEL <sup>2</sup>		Year	Total (mil. dol.)	Percent of—			Illiter- ate popula- tion, 1980: percent of popula- tion, 15 years old and over
		Teach- ers (1,000)	Students enrolled (1,000)	Teach- ers (1,000)	Students enrolled (1,000)			Total public expendi- ture	Gross nation- al product		
Greece.....	1978	1436	14,923	13 14 27	14,710	1978	775	9.3	2.3	12.0	
Guatemala.....	1980	24	803	11 14 9	157	1979	131	16.6	1.9	47.3	
Hungary.....	1980	75	1,162	11 24	203	1979	1,337	4.2	4.0	.7	
India.....	1978	1,589	68,602	3 1,341	10 26,831	1979	4,425	11.6	3.2	59.7	
Indonesia.....	1980	787	25,537	385	5,722	1978	17,675	17.8	17.2	33.1	
Iran.....	1977	155	5,021	10 96	2,357	1977	5 4,280	(NA)	5.7	53.4	
Iraq.....	1980	94	2,616	34	1,033	1979	1,066	(NA)	3.2	56.6	
Italy.....	1980	11 270	4,435	11 494	5,309	1978	12,230	9.8	4.6	5.2	
Ivory Coast.....	1979	24	954	11 13 4	21 174	1979	796	29.8	8.6	58.8	
Japan.....	1980	3471	11,827	3 554	9,746	1979	53,346	20.1	5.8	.5	
Kenya.....	1979	93	3,698	16	388	1979	366	18.0	6.1	60.4	
Korea, Dem. Peo. Rep. of.....	1976	(NA)	2,552	(NA)	(NA)	(X)	(NA)	(NA)	(NA)	(NA)	
Korea, Rep. of.....	1981	123	5,586	113	4,397	1979	2,022	16.2	3.4	7.3	
Madagascar.....	1978	24	1,311	13 23 5	8 19 9	1980	15 112	(NA)	18.3	(NA)	
Malaysia.....	1981	20 24 63	23 24 1,675	20 24 44	20 24 988	1979	1,121	(NA)	5.8	27.9	
Mali.....	1978	7	299	21 3	21 73	1978	47	30.5	4.6	89.9	
Mexico.....	1980	375	14,666	4 251	4,285	1979	5,272	(NA)	4.4	16.1	
Morocco.....	1981	20 83	20 24 111	8 20 97	8 20 805	1980	1,002	(NA)	5.0	74.4	
Mozambique.....	1980	17	1,387	3	103	(X)	(NA)	(NA)	(NA)	72.5	
Nepal.....	1980	28	1,068	16	512	1980	36	(NA)	1.8	82.7	
Netherlands.....	1980	58	1,333	21 55	1,395	1979	13,340	(NA)	8.1	.5	
Nigeria.....	1979	25 103	12,557	25 17	1,827	1979	2,768	16.2	3.3	70.1	
Pakistan.....	1979	147	6,601	129	2,245	1979	420	4.6	2.0	67.5	
Peru.....	1979	80	3,117	11 37	11 1,095	1980	287	10.1	1.9	18.5	
Philippines.....	1980	20 264	20 034	86	2,929	1979	575	(NA)	2.0	11.3	
Poland.....	1980	28 212	4,167	199	1,674	1980	5 2,409	8.7	27.3	.6	
Portugal.....	1978	65	1,221	28 22	28 300	1979	745	(NA)	3.8	19.9	
Romania.....	1980	157	3,237	48	871	1980	1,661	(NA)	3.2	4.0	
Saudi Arabia.....	1980	51	927	27	349	1979	4,835	10.2	6.4	83.6	
South Africa.....	1972	29 120	24 4,653	(NA)	(NA)	1976	1,435	15.0	4.3	20.7	
Soviet Union.....	1980	28 232	21,714	4 19 231	20,708	1980	49,663	11.2	17.2	.5	
Spain.....	1979	206	3,009	19 38	3,913	1976	2,255	16.8	2.1	7.2	
Sri Lanka.....	1980	11 51	2,081	11 13 59	21 1,267	1978	60	5.9	2.2	(NA)	
Sudan.....	1980	43	1,464	19	384	1978	339	15.7	4.7	78.4	
Sweden.....	1979	40	677	28 62	8 607	1979	9,972	13.7	9.1	.5	
Switzerland.....	1980	(NA)	451	(NA)	460	1979	5,260	18.6	5.0	.5	
Syria.....	1980	55	1,556	4 92	4 589	1979	493	8.5	4.9	45.0	
Tanzania.....	1980	23 30 81	23 30 3,360	22 3	79	1979	261	10.7	5.7	52.5	
Thailand.....	1980	304	7,371	13 71	1,913	1979	846	18.8	3.2	14.2	
Turkey.....	1980	212	5,656	4 96	4 2,226	1978	183	(NA)	3.6	34.8	
Uganda.....	1979	36	1,224	23 4	2 778	1977	110	(NA)	1.8	82.1	
United Kingdom.....	1979	31 270	5,134	13 334	5,360	1978	18,563	13.8	5.7	.5	
Upper Volta.....	1980	4	202	21	28	1979	37	(NA)	3.5	95.4	
Venezuela.....	1979	88	2,457	46	821	1978	1,995	8.2	5.0	17.7	
Vietnam.....	1979	217	7,923	21 161	21 3,746	(X)	(NA)	(NA)	(NA)	(NA)	
Yugoslavia.....	1980	59	1,432	131	2,426	1979	3,619	(NA)	5.4	13.0	
Zaire.....	1978	26 73	3,919	(NA)	28 704	1980	5 318	52.3	6.3	42.1	
Zimbabwe.....	1981	37	1,714	6	149	1979	164	(NA)	4.3	29.2	

NA Not available. X Not applicable. <sup>1</sup> Schools providing basic instruction in the tools of learning; length may vary from 4 to 9 years among countries. Excludes nursery school and kindergarten. <sup>2</sup> Middle, secondary, or high schools providing general or specialized instruction more advanced than primary level. <sup>3</sup> Includes special education. <sup>4</sup> 1978 data. <sup>5</sup> Current expenditures only. <sup>6</sup> Excludes expenditures on universities. <sup>7</sup> Includes pre-primary classes, special education, upgraded and correspondence courses. <sup>8</sup> 1980 data. <sup>9</sup> Ministry of Education expenditures only. <sup>10</sup> 1976 data. <sup>11</sup> 1978 data.

<sup>12</sup> Percent of net material product. <sup>13</sup> General education only. <sup>14</sup> Includes evening schools. <sup>15</sup> Excludes expenditures on the 3d level. <sup>16</sup> Ministry of Education and Ministry of the University only. <sup>17</sup> Central government only. <sup>18</sup> Includes general education at the 2d level and special education. <sup>19</sup> Vocational education only. <sup>20</sup> Public education only.

<sup>21</sup> General education and teacher training. <sup>22</sup> 1975 data. <sup>23</sup> Government and government-maintained and aided schools only.

<sup>24</sup> West Malaysia only. <sup>25</sup> 1970 data. <sup>26</sup> Percent of gross material product. <sup>27</sup> Includes evening and correspondence courses. <sup>28</sup> 1977 data. <sup>29</sup> Includes 2d level. <sup>30</sup> Mainland Tanzania only. <sup>31</sup> Includes education preceding the 1st level.

Source: United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright); and "Estimates and Projections of Illiteracy," CSR E-29.

## Gross National Product

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## NO. 1509. GROSS NATIONAL PRODUCT, IN CURRENT AND CONSTANT (1979) DOLLARS AND PER CAPITA: 1971 TO 1980

[In billions of dollars, except as indicated. For explanation of conversion to U.S. dollars, see headnote, table 1532. For explanation of gross national product (GNP), see text, p. 445]

COUNTRY	CURRENT DOLLARS						CONSTANT (1979) DOLLARS			Per capita (dol.)		
	1971	1975	1977	1978	1979	1980	1971	1975	1980	1971	1975	1980
										1971	1975	1980
United States.....	1,067.7	1,537.0	1,907.0	2,132.9	2,375.2	2,614.1	1,826.3	1,991.7	2,370.0	8,822	9,307	10,408
Afghanistan.....	1.6	2.6	3.1	3.5	(NA)	(NA)	2.7	3.3	(NA)	216	245	(NA)
Algeria.....	10.5	17.7	22.7	26.4	31.2	35.5	18.0	22.9	32.2	1,266	1,433	1,713
Argentina.....	48.6	77.7	89.4	92.1	106.1	118.3	83.0	100.6	107.2	3,446	3,947	3,871
Austria.....	29.9	45.2	55.4	59.8	68.3	77.7	51.2	58.6	70.5	6,825	7,815	9,395
Bangladesh.....	(X)	5.8	7.3	8.5	9.6	11.0	(X)	7.5	10.0	(X)	94	112
Belgium.....	49.8	75.5	89.5	98.1	108.7	122.2	85.2	97.8	110.8	8,786	9,978	11,190
Brazil.....	65.1	126.2	159.9	181.1	208.6	248.4	111.3	163.8	225.2	1,133	1,507	1,845
Bulgaria.....	12.7	20.5	23.4	25.7	28.5	30.2	21.8	26.5	27.4	2,592	3,051	3,078
Burma.....	2.1	3.1	3.9	4.5	5.1	6.1	3.7	4.1	5.5	132	133	160
Canada.....	94.4	148.5	178.6	197.3	220.3	243.3	161.4	192.5	220.5	7,473	8,479	9,189
Chile.....	9.9	11.4	14.6	16.9	19.8	23.2	16.9	14.8	21.1	1,779	1,446	1,915
China:												
Mainland.....	159.0	271.0	335.0	400.0	471.0	552.0	272.0	351.2	500.5	312	369	487
Taiwan.....	9.1	16.3	22.6	27.5	32.3	38.0	15.6	21.1	34.5	1,048	1,307	1,935
Colombia.....	10.0	17.0	20.8	24.3	27.9	32.0	17.2	22.0	29.0	780	912	1,170
Czechoslovakia.....	53.9	81.5	96.1	104.9	113.3	125.5	92.2	105.6	113.8	6,405	7,135	7,437
Egypt.....	6.3	9.9	14.2	16.7	18.8	22.6	10.8	12.8	20.5	320	346	485
Ethiopia.....	1.8	2.7	3.1	3.3	3.8	4.4	3.1	3.4	4.0	119	119	134
France.....	249.3	378.6	455.7	506.8	568.6	634.3	426.5	490.6	575.1	8,313	9,309	10,709
German Dem. Rep.....	60.6	93.1	108.9	119.0	130.9	146.0	103.7	120.6	132.3	6,066	7,138	7,924
Germany, Fed.												
Rep.....	352.7	499.2	600.7	666.4	756.8	848.3	603.3	646.9	769.1	9,842	10,467	12,485
Ghana.....	5.9	7.6	8.3	9.3	10.1	11.3	9.8	10.1	10.2	1,105	951	846
Greece.....	16.0	25.1	31.0	35.3	39.8	44.6	27.4	32.5	40.5	3,111	3,620	4,215
Hungary.....	25.2	37.5	44.5	49.1	52.9	57.9	43.2	48.6	52.5	4,151	4,629	4,908
India.....	61.6	92.6	113.2	129.6	134.2	159.4	105.3	119.9	144.5	186	194	208
Indonesia.....	16.2	28.4	36.8	41.8	47.4	56.7	27.7	36.8	51.4	221	256	340
Iran.....	31.7	63.7	79.5	77.4	73.2	72.7	54.1	82.5	65.9	1,823	2,447	1,697
Iraq.....	6.2	13.2	17.6	21.7	33.5	39.1	10.6	17.0	35.5	1,085	1,522	2,708
Italy.....	146.2	212.2	256.0	281.4	321.7	368.1	250.1	275.0	333.7	4,632	4,928	5,855
Japan.....	383.5	615.0	769.4	872.7	1,000.9	1,152.6	656.0	796.9	1,044.9	6,205	7,140	8,946
Kenya.....	2.2	3.5	4.5	5.2	5.9	6.6	3.7	4.6	6.0	318	337	367
Korea, Dem.												
Peo. Rep.....	4.2	10.1	10.8	12.4	14.0	15.9	7.2	13.1	14.4	493	793	746
Korea, Rep. of	16.6	30.8	42.5	52.0	60.1	62.5	28.3	39.9	56.7	838	1,086	1,423
Madagascar.....	1.6	2.0	2.2	2.3	2.8	3.1	2.7	2.6	2.8	388	343	327
Malaysia.....	6.2	10.9	14.4	16.4	19.5	23.3	10.6	14.1	21.1	943	1,197	1,506
Mexico.....	45.1	75.9	88.1	100.8	118.6	142.4	77.1	98.3	129.1	1,491	1,675	1,901
Morocco.....	6.2	10.2	13.2	14.4	16.4	18.8	10.5	13.2	17.0	645	727	810
Mozambique.....	(X)	2.0	2.1	2.3	2.5	2.8	(X)	2.6	2.5	(X)	277	207
Nepal.....	.8	1.2	1.5	1.6	1.8	2.0	1.4	1.6	1.8	117	118	118
Netherlands.....	72.8	107.2	129.8	141.9	156.6	173.6	124.6	138.9	157.4	9,439	10,141	11,163
Nigeria.....	26.7	46.7	60.6	68.8	77.4	87.8	45.7	60.5	79.8	786	921	1,032
Pakistan.....	8.3	13.0	15.9	18.6	21.0	25.1	14.3	16.9	22.7	211	224	250
Peru.....	6.6	10.4	11.8	12.4	13.9	15.9	11.3	13.5	14.4	815	873	819
Philippines.....	10.4	17.8	22.3	25.7	29.6	34.2	17.8	23.0	31.0	460	534	631
Poland.....	72.4	122.4	142.3	158.1	166.4	175.5	123.8	158.6	159.1	3,776	4,665	4,470
Portugal.....	9.0	13.1	16.2	17.8	20.1	23.3	15.5	16.9	21.2	1,719	1,800	2,137
Romania.....	31.6	50.7	64.3	72.2	80.2	85.9	54.1	65.7	77.9	2,636	3,099	3,502
South Africa.....	24.6	98.5	43.7	47.8	54.1	64.5	42.0	49.9	58.5	1,827	1,957	2,367
Soviet Union.....	571.1	890.1	1,165.0	1,275.4	1,423.8	1,975.9	1,153.4	1,290.8	1,397	4,541	4,861	
Spain.....	83.0	136.7	161.3	177.7	194.8	217.7	142.0	177.1	197.3	4,165	5,002	5,276
Sri Lanka.....	1.4	2.1	2.5	2.9	3.3	4.1	2.3	2.7	3.7	161	194	250
Sudan.....	3.6	5.1	6.6	7.5	8.0	8.7	6.2	6.6	7.9	442	412	419
Sweden.....	54.1	79.0	85.9	93.1	106.6	119.3	92.5	102.3	108.2	11,425	12,777	13,032
Switzerland.....	55.6	73.3	83.3	89.2	99.3	114.4	95.1	95.0	103.7	15,100	14,481	16,210
Syria.....	2.8	6.5	7.6	8.9	10.1	12.2	4.8	8.4	11.0	743	1,135	1,254
Tanzania.....	1.8	2.9	3.6	4.1	4.8	5.0	3.1	3.7	4.5	224	242	241
Thailand.....	9.1	15.6	20.1	23.5	26.8	31.1	15.6	20.2	28.2	408	475	592
Turkey.....	27.8	48.1	60.2	66.3	71.6	78.5	47.5	62.4	71.1	1,298	1,539	1,546
Uganda.....	6.1	8.0	9.1	9.3	9.5	10.5	10.4	8.6	10.3	903	675	
United Kingdom.....	202.3	286.3	334.3	370.0	409.5	445.4	346.0	371.1	403.8	6,211	6,624	7,210
Venezuela.....	18.2	31.5	40.4	44.6	48.9	54.0	31.1	40.8	49.0	2,804	3,213	2,830
Yugoslavia.....	23.9	38.7	48.4	55.5	64.4	73.2	40.9	50.2	66.3	1,983	2,945	2,974
Zaire.....	3.5	5.1	5.3	5.4	5.8	6.5	6.0	6.6	5.9	268	262	205

NA Not available. X Not applicable.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual. Data from International Bank for Reconstruction and Development and U.S. Central Intelligence Agency.

**No. 1510. GROSS DOMESTIC PRODUCT—PERCENT DISTRIBUTION BY TYPE OF EXPENDITURE AND KIND OF ECONOMIC ACTIVITY**

In percent. In general, "Agriculture" includes forestry, hunting, and fishing; "Industrial activity" covers mining, manufacturing, electricity, gas and water, and "Other" comprises financing, insurance, real estate, and business services; community, social, and personal services; producers of government services; and other producers. Data by kind of economic activity do not add to 100 percent for some countries because import duties are excluded in the reported industrial groups. German Democratic Republic, Hungary, Poland, Soviet Union, and Yugoslavia are based on the material production system of accounts which include the sum of goods and material services but exclude nonmaterial services such as finances and education. Minus sign (-) indicates decrease.

COUNTRY	Year	TYPE OF EXPENDITURE			KIND OF ECONOMIC ACTIVITY									
		Govt.	Private	Final consumption expenditure	Gross fixed capital formation	Exports	Less imports	Year	Agricul-ture	Indus-trial activity	Construc-tion	Whole-sale and retail trade	Transport and communica-tions	Other
United States.....	1979	17	64	1	19	9	10	1979	3	30	5	17	6	39
Afghanistan.....	(X)	(NA)	14	(NA)	(NA)	(NA)	(NA)	1980	62	22	4	7	4	1
Algeria.....	1979	10	46	2	21	7	31	1979	6	41	13	13	5	21
Argentina.....	1975	17	60	(Z)	24	17	19	1978	12	36	4	10	8	29
Australia <sup>2</sup> .....	1980	18	55	3	38	6	41	1980	7	29	7	14	7	33
Austria.....	1980	6	90	(Z)	15	6	16	1980	4	32	8	17	6	33
Bangladesh <sup>2</sup> .....	1980	19	64	(Z)	21	60	63	1980	54	20	6	11	6	15
Belgium.....	1980	14	75	-1	12	19	18	1980	2	23	4	11	6	34
Bolivia.....	1980	9	72	(NA)	(NA)	(NA)	(NA)	1980	16	11	4	18	9	28
Brazil.....	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	11	24	5	14	4	42
Bulgaria.....	1979	86	1	17	6	10	17	1979	46	9	14	8	4	4
Burma <sup>3</sup> .....	1980	20	56	(Z)	23	29	28	1980	45	11	1	29	3	10
Canada.....	1980	12	72	1	17	21	24	1980	4	28	5	10	7	33
Chile.....	1980	8	68	1	22	16	16	1980	7	32	5	18	5	21
Colombia.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	25	25	5	12	4	42
Czechoslovakia.....	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	8	64	11	12	4	(Z)
Denmark.....	1980	27	56	(Z)	18	33	34	1977	5	18	7	15	7	48
Dominican Republic.....	1979	8	74	1	23	21	26	1979	19	20	7	7	6	30
Ecuador.....	1980	14	60	3	25	24	27	1980	12	30	7	14	9	27
Egypt <sup>2</sup> .....	1979	17	69	4	10	13	14	1979	22	28	5	16	7	22
Ethiopia <sup>2</sup> .....	1976	14	77	(Z)	22	22	24	1980	4	29	7	12	6	26
France.....	1980	15	63	2	22	(NA)	(NA)	1980	9	63	7	14	5	3
German Dem. Rep. of Germany, Fed. Rep. of	(X)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	2	40	8	9	6	35
Ghana.....	1980	20	55	1	24	24	27	1980	10	20	2	13	3	15
Greece.....	1980	16	65	-5	23	20	26	1980	15	20	8	11	7	39
Guatemala.....	1980	87	87	(Z)	16	28	22	1980	25	19	3	27	7	19
Haiti.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1980	32	20	5	18	2	22
Hungary.....	1979	10	57	22	19	9	31	1980	14	49	10	20	5	1
India <sup>2</sup> .....	1980	13	57	22	22	22	22	1980	33	33	4	13	4	25
Indonesia.....	1979	20	40	(NA)	(NA)	(NA)	(NA)	1980	28	36	6	14	4	15
Iran <sup>1</sup> .....	1975	51	51	9	27	58	6	1977	9	45	43	9	6	4
Iraq.....	1980	16	52	5	20	25	28	1980	7	61	8	15	6	29
Italy.....	1978	16	54	30	37	37	38	1978	6	35	8	13	9	15
Ivory Coast.....	1980	10	58	(Z)	32	14	14	1980	25	4	(Z)	12	7	34
Japan.....	1980	10	58	(Z)	32	14	14	1980	25	4	(Z)	12	7	34

# Gross Domestic Product

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Kampuchea.....	17	5	39
Kenya.....	20	5	22
1980	66	1	6
1981	65	22	43
1982	72	6	43
Korea, Republic of.....	31	22	20
Madagascar.....	22	38	37
Malawi.....	1	58	49
Malaysia.....	17	52	11
Mexico.....	11	62	14
Morocco.....	20	21	19
Nepal <sup>a</sup> .....	67	66	53
Netherlands.....	7	18	13
Nigeria <sup>a</sup> .....	18	22	53
Pakistan <sup>a</sup> .....	12	58	26
Pérou.....	1980	9	13
Philippines.....	1980	68	20
Poland.....	8	67	26
Portugal.....	(NA)	(NA)	(NA)
Saudi Arabia <sup>b</sup> .....	1976	14	17
South Africa <sup>c</sup> .....	1980	23	31
Soviet Union.....	(X)	(NA)	(NA)
Spain.....	1979	11	15
Sri Lanka.....	1990	10	31
Sudan <sup>d</sup> .....	1997	11	15
Sweden.....	1980	29	51
Switzerland.....	1980	13	64
Syria.....	1979	22	70
Thailand.....	1980	13	65
Turkey.....	1977	18	69
Uganda.....	1971	88	22
United Kingdom.....	1980	60	60
Upper Volta.....	1979	15	95
Venezuela.....	1990	13	55
Yemen Arab Rep. <sup>e</sup> .....	1976	13	92
Yugoslavia.....	(X)	(NA)	(NA)
Zaire.....	1977	20	69
Zambia.....	1980	28	58
Zimbabwe.....	1979	22	62

- Represents zero. <sup>a</sup> Not available. <sup>b</sup> Year beginning March 21. <sup>c</sup> Year beginning July 1. <sup>d</sup> Year ending July 7. <sup>e</sup> Year ending Sept. 30. <sup>f</sup> Year ending July 7. <sup>g</sup> Year ending July 15. <sup>h</sup> Wholesale and retail trade included in "Other". <sup>i</sup> Gas and water included in "Other". <sup>j</sup> Year ending July 15. <sup>k</sup> Fiscal years (year of the Hajra).

Source: Statistical Office of the United Nations, New York, N.Y., *Monthly Bulletin of Statistics*, vol. XXXVI, No. 7, July 1982. (Copyright.)

**NO. 1511. ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD)—GROSS NATIONAL PRODUCT, 1975 TO 1982, AND CHANGE, 1975–1980 AND 1980–1982**

COUNTRY	GROSS NATIONAL PRODUCT (GNP)						GNP PER CAPITA					Inflation rate, <sup>3</sup> 1981– 1982 (percent)
	Total in constant (1982) dollars (bil.) <sup>1</sup>			Annual percent change <sup>2</sup>		In constant (1982) dollars <sup>1</sup>			Annual percent change <sup>2</sup>			
	1975	1980	1982	1975– 1980	1980– 1982	1975	1980	1982	1975– 1980	1980– 1982		
United States.....	2,550.4	3,052.0	3,073.0	3.7	.3	11,809	13,406	13,246	2.6	−.6	6.0	
OECD Europe <sup>4</sup> .....	2,573.6	2,972.7	2,977.0	2.9	.1	8,709	7,547	7,483	2.4	−.4	10.2	
Belgium.....	74.4	86.0	84.4	2.9	−.9	7,587	8,722	8,551	2.8	−1.0	7.5	
Luxembourg.....	3.0	3.4	3.3	2.6	−1.8	8,361	9,500	8,919	2.6	−3.1	13.6	
Denmark.....	46.2	52.6	54.3	2.6	1.6	9,134	10,273	10,805	2.4	1.6	9.8	
France.....	454.5	534.4	544.6	3.3	.9	8,810	9,950	10,044	2.9	−.5	12.6	
Germany, Fed. Rep.	558.8	664.1	658.2	3.5	−.5	9,037	10,788	10,678	3.6	−5	4.8	
Greece.....	30.8	38.3	38.1	4.3	−2	3,415	3,968	3,892	3.0	−1.0	22.5	
Ireland.....	13.6	16.6	17.0	4.0	1.3	4,283	4,874	4,885	2.6	−1	17.2	
Italy.....	286.7	346.3	344.6	3.8	−3	5,135	6,068	6,013	3.4	−5	17.5	
Netherlands.....	123.1	140.5	136.9	2.7	−1.3	8,020	8,936	8,567	1.9	−1.8	6.0	
United Kingdom.....	441.9	479.1	475.3	1.6	−4	7,905	8,562	8,500	1.6	−4	7.6	
Austria.....	55.3	65.7	68.4	3.5	.6	7,358	8,744	8,771	3.5	−2	6.9	
Finland.....	39.5	46.4	47.6	3.3	1.3	8,376	9,701	9,876	3.0	−9	9.2	
Iceland.....	2.0	2.5	2.5	4.4	2	8,136	10,826	10,870	3.4	−2	54.0	
Norway.....	43.4	54.8	54.9	4.8	−1	10,918	13,396	13,358	4.4	−2	11.0	
Portugal.....	16.6	21.6	22.4	5.3	1.9	4,761	2,183	2,227	4.4	1.0	22.5	
Spain.....	157.9	174.0	176.4	2.0	.7	4,435	4,647	4,651	.9	(2)	13.4	
Sweden.....	90.5	96.7	96.0	1.3	−4	11,048	11,634	11,525	1.0	−5	8.2	
Switzerland.....	92.5	100.6	100.5	1.7	−1	14,434	15,742	15,703	1.8	−1	7.1	
Turkey.....	42.8	49.1	53.6	2.8	4.5	1,061	1,104	1,157	.7	2.4	27.1	
Australia.....	133.7	151.2	157.6	2.5	2.1	9,824	10,295	10,389	1.3	−5	11.5	
Canada.....	244.5	285.4	282.7	3.2	−5	10,755	11,912	11,478	2.0	−1.8	10.6	
Japan.....	770.8	989.5	1,060.0	5.1	3.5	6,909	8,473	8,949	4.2	2.8	2.0	
New Zealand.....	22.7	22.4	23.1	−3	1.6	7,357	7,190	7,310	−5	−8	13.0	

Z Less than .05 percent. <sup>1</sup> National currency values converted into dollars by the average 1982 Par Rate/Market Rate, as published by the International Monetary Fund, Washington, D.C. <sup>2</sup> Minus sign (−) indicates decrease. <sup>3</sup> GNP or GDP (Gross Domestic Product) implicit price deflators; totals weighted by 1981 (base year) OECD weights. <sup>4</sup> See text, p. 854.

Source: U.S. Department of State, Bureau of Intelligence and Research, *Economic Growth of OECD Countries, 1972–1982*, Report No. 592AR (Revised), 1983, and unpublished data.

**NO. 1512. GROSS DOMESTIC PRODUCT, TOTAL AND PER CAPITA, USING PURCHASING POWER PARITIES—SELECTED COUNTRIES: 1970 TO 1981**

[See text, p. 854 for explanation of purchasing power parities]

COUNTRY	GROSS DOMESTIC PRODUCT (bil. dol.)						GROSS DOMESTIC PRODUCT PER CAPITA (dollars)					
	1970	1975	1978	1979	1980	1981	1970	1975	1978	1979	1980	1981
United States.....	988.7	1,538.8	2,140.4	2,382.2	2,599.0	2,906.3	4,822	7,125	9,616	10,585	11,416	12,647
E. E. C., total <sup>1</sup> .....	854.6	1,349.1	1,806.0	2,029.8	2,249.2	2,448.1	3,283	5,044	6,709	7,519	8,203	9,013
Belgium.....	32.0	52.5	69.4	77.3	87.1	93.5	3,322	5,356	7,064	7,861	8,848	9,495
Denmark.....	18.9	28.8	38.5	43.4	47.0	51.4	3,843	5,688	7,542	8,483	9,167	10,031
France.....	174.7	292.9	394.9	443.4	491.5	538.6	3,441	5,558	7,412	8,290	9,150	9,981
Germany, Fed. Rep.	222.9	342.2	462.3	523.3	583.3	639.0	3,574	5,534	7,538	8,528	9,475	10,380
Greece.....	14.4	25.4	35.9	40.5	45.0	46.9	1,638	2,807	3,812	4,245	4,669	5,019
Ireland.....	6.0	10.2	14.1	15.7	17.7	19.5	2,035	3,196	4,259	4,669	5,200	5,683
Italy.....	155.0	240.6	321.4	366.7	416.9	455.0	2,889	4,310	5,688	6,443	7,305	7,956
Luxembourg.....	1.5	2.2	2.9	3.3	3.6	4.1	4,275	6,180	7,885	9,058	9,916	11,097
Netherlands.....	47.1	75.8	101.2	112.5	124.1	134.1	3,612	5,552	7,282	8,010	8,773	9,414
United Kingdom.....	182.2	278.5	365.3	403.7	433.0	463.9	3,262	4,976	6,534	7,217	7,730	8,281
Austria.....	22.5	37.5	49.5	56.4	63.7	69.7	3,025	4,986	6,594	7,518	8,482	9,269
Japan.....	316.4	546.2	765.5	875.1	999.2	1,126.7	3,060	4,898	6,661	7,552	8,556	9,583
Portugal.....	11.9	20.3	28.6	33.1	37.7	41.5	1,317	2,152	2,920	3,364	3,814	4,180
Spain.....	77.5	139.7	182.5	198.9	220.8	242.2	2,287	3,934	4,983	5,359	5,806	6,428
Other O.E.C.D. countries <sup>2</sup> .....	276.7	468.2	612.4	686.7	762.7	868.3	2,895	4,520	6,694	6,308	6,915	7,677

<sup>1</sup> European Economic Community. <sup>2</sup> Organization for Economic Cooperation and Development. Includes Australia, Canada, Finland, Iceland, Norway, Sweden, Switzerland, Turkey, and Yugoslavia.

Source: Organization for Economic Cooperation and Development, Paris, France, *National Accounts of OECD Countries*, vol. I, annual.

**NO. 1513. ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT (OECD)—INDUSTRIAL PRODUCTION, IMPORTS, AND EXPORTS: 1975 TO 1982**

[Imports c.i.f., except as noted; exports f.o.b. See text, pp. 853 and 854]

COUNTRY	INDUSTRIAL PRODUCTION INDEX (1975=100)				AVERAGE MONTHLY IMPORTS (mil. dol.)				AVERAGE MONTHLY EXPORTS (mil. dol.)			
	1979	1980	1981	1982	1975	1980	1981	1982	1975	1980	1981	1982
<b>OECD, total.....</b>	124	123	124	119	48,948	114,086	108,174	(NA)	47,317	103,487	101,532	(NA)
<b>United States.....</b>	129	125	128	118	8,078	20,100	21,748	20,329	8,971	18,392	19,478	17,690
Australia.....	114	114	117	111	1,832	1,684	1,980	2,020	992	1,839	1,815	1,846
Austria.....	122	125	124	123	783	2,021	1,750	1,625	627	1,447	1,317	1,304
Belgium.....	118	115	112	(NA)	2,550	2,973	2,5154	2,4819	2,401	2,5375	2,623	2,4387
Canada.....	118	117	119	106	1,830	4,916	5,542	4,888	2,692	5,412	5,680	5,701
Denmark.....	(NA)	(NA)	(NA)	(NA)	861	1,610	1,459	1,403	728	1,395	1,331	1,276
Finland.....	118	128	132	130	635	1,301	1,183	1,119	459	1,178	1,165	1,089
France.....	118	118	117	(NA)	4,520	11,238	10,041	9,615	4,351	9,276	8,439	7,696
Germany, Fed. Rep.....	117	117	116	113	6,184	15,488	13,559	12,837	7,502	15,974	14,607	14,621
Greece.....	129	130	129	124	443	886	743	(NA)	191	432	358	(NA)
Iceland.....	(NA)	(NA)	(NA)	41	83	86	79	26	77	75	57	57
Ireland.....	136	133	135	136	317	929	886	809	268	709	693	676
Italy.....	121	128	125	122	3,197	8,309	7,600	7,160	2,902	5,492	6,310	6,115
Japan.....	133	142	146	140	4,822	11,759	11,889	10,936	4,646	10,799	12,647	11,505
Luxembourg.....	111	108	100	97	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Netherlands.....	112	112	110	107	2,929	6,406	5,493	5,215	2,870	6,153	5,705	5,519
Norway.....	125	132	132	131	806	1,413	1,302	1,288	600	1,541	1,494	1,462
Portugal.....	134	141	142	(NA)	319	775	812	(NA)	162	387	345	(NA)
Spain.....	115	116	114	(NA)	1,355	2,848	2,681	(NA)	640	1,735	1,705	(NA)
Sweden.....	98	99	95	95	1,504	2,785	2,404	2,302	1,451	2,577	2,379	2,228
Switzerland.....	109	114	114	109	1,109	3,028	2,550	2,383	1,080	2,468	2,241	2,161
Turkey.....	(NA)	(NA)	(NA)	(NA)	387	521	745	(NA)	117	229	398	(NA)
United Kingdom.....	115	108	104	105	4,438	10,013	8,567	8,306	3,646	9,598	8,567	8,102

NA Not available.

<sup>1</sup> Imports f.o.b.

<sup>2</sup> Luxembourg included with Belgium.

Source: Organization for Economic Cooperation and Development, Paris, France, *Main Economic Indicators*, monthly, and *Statistics of Foreign Trade* (series A), monthly.

**NO. 1514. FOREIGN TRADE OF THE UNITED STATES, EUROPEAN ECONOMIC COMMUNITY, AND JAPAN—SOURCE OF IMPORTS AND DESTINATION OF EXPORTS: 1973 TO 1982**

YEAR	IMPORTS					EXPORTS				
	Total <sup>1</sup>	OECD <sup>2</sup>	OPEC <sup>3</sup>	Other developing countries <sup>4</sup>	CMEA <sup>5</sup> and China: Mainland	Total <sup>1</sup>	OECD <sup>2</sup>	OPEC <sup>3</sup>	Other developing countries <sup>4</sup>	CMEA <sup>5</sup> and China: Mainland
<b>VALUE (bill. dol.)</b>										
<b>U.S.: 1973.....</b>	69.1	47.6	3.9	15.7	.6	71.3	46.2	3.6	17.6	2.5
1980.....	241.2	121.5	52.1	61.8	2.5	220.7	127.7	17.8	64.0	7.6
1982.....	244.0	139.2	31.2	68.2	3.3	212.3	119.6	22.9	60.4	6.5
<b>EEC: 1973.....</b>	215.2	163.9	16.9	23.0	8.0	210.7	167.8	8.5	22.0	8.9
1980.....	730.2	524.7	93.4	71.8	30.8	684.9	502.1	51.5	72.3	26.6
1982.....	611.9	447.8	69.4	59.7	28.3	584.7	436.5	54.2	64.5	19.3
<b>Japan: 1973.....</b>	38.3	19.5	6.6	9.4	2.3	36.9	18.6	2.7	13.1	2.0
1980.....	141.1	47.5	55.8	28.3	6.7	129.6	59.7	18.5	40.8	9.0
1982.....	131.1	46.3	48.2	27.4	7.3	138.3	66.4	21.8	40.2	8.2
<b>PERCENT DISTRIBUTION</b>										
<b>U.S.: 1973.....</b>	100.0	68.9	5.6	22.7	.9	100.0	64.8	5.0	24.7	3.5
1980.....	100.0	50.4	21.6	25.6	1.0	100.0	57.9	8.1	29.0	3.4
1982.....	100.0	57.0	12.8	27.9	1.4	100.0	56.3	10.8	28.4	3.1
<b>EEC: 1973.....</b>	100.0	76.2	7.9	10.7	9.7	100.0	79.6	4.0	10.4	4.2
1980.....	100.0	71.9	12.6	9.8	4.2	100.0	75.5	7.7	10.9	4.0
1982.....	100.0	73.2	11.3	9.7	4.6	100.0	74.5	9.3	11.0	3.3
<b>Japan: 1973.....</b>	100.0	50.9	17.2	24.5	6.0	100.0	50.4	7.3	35.5	5.4
1980.....	100.0	33.7	40.3	20.1	4.7	100.0	46.1	14.3	31.3	6.9
1982.....	100.0	35.3	36.8	20.9	5.6	100.0	48.1	15.7	29.1	5.9

<sup>1</sup> Includes South Africa, ships' supplies, areas not specified for reasons of secrecy and miscellaneous, not shown separately.

<sup>2</sup> Organization for Economic Cooperation and Development. For member countries, see text, pp. 853 and 854. <sup>3</sup> Organization of Petroleum Exporting Countries. For member countries, see table 992. <sup>4</sup> Comprises trade with all countries other than China: Mainland, South Africa and members of OECD, OPEC, and CMEA. <sup>5</sup> Council for Mutual Economic Assistance. Covers Soviet Union, German Democratic Republic, Poland, Czechoslovakia, Hungary, Romania, Bulgaria, Cuba, Vietnam, and Mongolia.

<sup>a</sup> European Economic Community. Includes trade among member countries. For member countries, see table 1473.

Source: Organization for Economic Cooperation and Development, Paris, France, *Statistics of Foreign Trade*, annual.

## NO. 1515. TAX REVENUES—SELECTED COUNTRIES: 1970 TO 1981

[Covers national and local taxes and Social Security contributions. GDP=Gross domestic product; see text, p. 445]

COUNTRY	TAX REVENUES (bil. dol.)				AS PERCENT OF GDP				TAX REVENUES PER CAPITA (dol.)			
	1970	1975	1980	1981	1970	1975	1980	1981	1970	1975	1980	1981
United States .....	287.7	436.3	772.9	880.6	30.1	30.2	30.6	31.2	1,403	2,020	3,395	3,832
Australia .....	9.5	27.7	45.6	53.5	25.4	29.1	30.7	31.6	753	1,997	3,105	3,584
Austria .....	5.2	14.5	31.8	28.3	35.7	38.6	41.2	42.5	698	1,934	4,236	3,761
Belgium .....	9.1	25.8	52.4	43.2	36.0	41.6	44.9	45.4	948	2,635	5,326	4,386
Canada .....	27.1	56.4	86.2	101.2	32.0	32.9	32.7	34.7	1,268	2,481	3,600	4,181
Denmark .....	6.4	15.6	30.2	26.0	40.4	41.4	45.4	45.3	1,295	3,076	5,887	5,068
Finland .....	3.5	10.0	17.6	18.1	32.2	36.2	35.1	36.8	750	2,125	3,663	3,770
France .....	50.4	126.8	278.6	244.5	35.6	37.4	42.7	43.0	992	2,407	5,188	4,532
Germany, Fed. Rep. ....	61.0	150.3	307.6	254.9	32.8	36.0	37.8	37.3	1,006	2,426	4,997	4,133
Greece .....	2.4	5.1	11.5	10.8	24.3	24.6	28.6	29.2	275	567	1,192	1,106
Italy .....	28.0	55.7	130.1	118.2	27.9	29.0	32.9	33.7	521	897	2,280	2,066
Japan .....	41.4	107.5	275.4	309.7	19.7	21.0	25.9	26.9	401	964	2,358	2,634
Netherlands .....	12.6	37.9	77.4	63.9	39.9	45.8	45.8	45.5	969	2,777	5,471	4,484
New Zealand .....	1.7	4.1	7.4	8.2	26.6	30.1	31.5	32.6	620	1,342	2,363	2,608
Norway .....	4.4	12.8	27.2	27.8	39.2	44.8	47.1	48.5	1,129	3,182	6,644	6,771
Portugal .....	1.4	3.7	7.2	7.4	23.2	24.8	29.3	31.1	159	387	728	746
Spain .....	6.4	20.5	51.1	47.0	17.2	19.6	24.2	25.2	189	579	1,386	1,246
Sweden .....	13.4	31.7	61.2	57.7	40.7	44.0	49.6	51.3	1,667	3,874	7,382	6,933
Switzerland .....	5.0	16.1	31.3	28.6	23.8	29.6	30.8	30.3	799	2,510	4,909	4,475
United Kingdom .....	45.7	83.1	188.9	185.9	37.5	36.0	36.0	37.4	824	1,485	3,373	3,319

## NO. 1516. PERCENT DISTRIBUTION OF TAX RECEIPTS BY TYPE OF TAX—SELECTED COUNTRIES: 1970 TO 1981

COUNTRY AND YEAR	Total <sup>1</sup>	INCOME AND PROFITS TAXES <sup>2</sup>			SOCIAL SECURITY CONTRIBUTIONS			TAXES ON GOODS AND SERVICES <sup>5</sup>		
		Total <sup>3</sup>	Individ-	Cor-	Total <sup>4</sup>	Em-	Em-	Total <sup>6</sup>	General	con-
			ual	por-		ployees	ployers			
United States: 1970.....	100.0	47.9	35.2	12.7	19.3	8.1	10.5	18.9	5.6	11.3
1980.....	100.0	47.1	36.9	10.2	26.1	10.0	15.4	16.7	6.6	7.8
1981.....	100.0	46.3	37.6	6.6	26.5	10.3	15.5	17.6	6.3	9.0
Canada: 1970.....	100.0	44.6	32.4	11.3	9.6	(NA)	(NA)	31.6	14.4	13.2
1980.....	100.0	46.6	34.0	11.6	10.4	3.7	6.6	32.5	11.6	12.9
1981.....	100.0	45.2	33.8	10.5	11.5	4.0	7.3	33.6	11.0	15.6
France: 1970.....	100.0	18.2	11.8	6.3	36.2	7.2	26.3	37.8	25.5	11.5
1980.....	100.0	18.0	19.0	4.9	43.1	11.5	28.9	30.1	21.0	8.2
1981.....	100.0	18.4	19.3	5.0	42.7	10.9	29.0	29.7	21.1	7.9
Germany, Fed. Rep.: 1970.....	100.0	32.3	26.8	5.7	30.4	13.5	16.6	31.8	17.1	12.9
1980.....	100.0	35.3	29.8	5.5	34.4	15.4	18.4	26.9	16.7	8.9
1981.....	100.0	34.1	29.1	5.0	35.5	15.9	19.1	27.1	17.0	9.0
Italy: 1970.....	100.0	17.4	10.9	6.6	37.8	(NA)	(NA)	38.3	13.2	22.7
1980.....	100.0	32.4	24.2	8.2	37.0	6.0	23.2	26.5	15.5	10.2
1981.....	100.0	35.4	26.4	9.0	35.9	5.5	21.9	24.7	14.9	9.1
Japan: 1970.....	100.0	41.2	21.1	20.1	22.3	8.6	11.6	22.4	-	20.9
1980.....	100.0	41.5	24.2	17.3	29.1	10.2	14.8	16.3	-	14.1
1981.....	100.0	40.7	24.7	15.9	30.0	10.7	15.4	15.9	-	13.8
Netherlands: 1970.....	100.0	33.3	26.7	6.7	35.0	15.3	16.5	27.7	14.6	11.5
1980.....	100.0	32.9	26.3	6.6	38.1	15.8	17.8	24.8	15.9	6.9
1981.....	100.0	31.6	24.7	7.0	40.0	16.8	17.9	24.4	15.7	6.6
Sweden: 1970.....	100.0	54.0	49.6	4.4	14.9	2.0	11.7	28.6	10.2	16.7
1980.....	100.0	43.6	41.1	2.5	28.6	-	27.5	24.0	13.4	9.2
1981.....	100.0	42.8	40.0	2.9	29.6	-	28.5	23.9	13.5	9.0
United Kingdom: 1970.....	100.0	40.3	31.1	9.2	13.9	6.2	7.1	28.8	6.5	19.9
1980.....	100.0	37.7	30.0	7.8	16.9	6.6	9.9	29.1	14.4	13.1
1981.....	100.0	36.6	29.4	9.2	16.2	6.7	9.1	28.4	12.6	14.3

<sup>1</sup> Represents zero. <sup>2</sup> NA Not available. <sup>3</sup> Includes property taxes, employer payroll taxes other than Social Security contributions, and miscellaneous taxes, not shown separately. <sup>4</sup> Includes taxes on capital gains. <sup>5</sup> Includes other taxes, not shown separately. <sup>6</sup> Includes contributions of self-employed, not shown separately. <sup>7</sup> Taxes on the production, sales, transfer, leasing, and delivery of goods and services and rendering of services. <sup>8</sup> Primarily value-added and sales taxes.

<sup>9</sup> For example, excise taxes on alcohol, tobacco, and gasoline.

Source of tables 1515 and 1516: Organization for Economic Cooperation and Development, Paris, France, *Revenue Statistics of OECD Member Countries*, annual.

## NO. 1517. CONSUMER PRICES—ANNUAL PERCENT CHANGES, BY COUNTRY: 1977 TO 1982

[See text, p. 854, for general comments concerning the data. For additional qualifications of the data for individual countries, see source. Minus sign (–) indicates decrease]

COUNTRY	1977-1978	1978-1979	1979-1980	1980-1981	1981-1982	COUNTRY	1977-1978	1978-1979	1979-1980	1980-1981	1981-1982
United States.....	7.6	11.3	13.5	10.4	6.2	Israel.....	50.6	78.3	131.0	116.8	120.3
Algeria.....	17.2	11.4	9.6	(NA)	(NA)	Italy.....	12.1	14.7	21.2	17.8	16.5
Argentina.....	175.5	159.5	100.8	104.5	164.8	Japan.....	3.8	3.6	8.0	4.9	2.6
Australia.....	7.9	9.1	10.2	9.7	11.2	Kenya.....	16.9	8.0	13.8	11.8	20.4
Austria.....	3.6	3.7	6.4	6.8	5.4	Korea, Republic of.....	14.4	18.3	28.7	23.3	7.3
Bangladesh.....	13.2	12.7	13.2	13.2	9.3	Malaysia.....	4.9	3.6	6.7	8.7	5.8
Belgium.....	4.5	4.6	6.7	7.6	8.7	Mexico.....	17.4	18.2	26.4	27.9	58.9
Bolivia.....	10.4	19.7	47.2	32.1	123.5	Morocco.....	9.7	6.4	9.4	12.5	10.5
Brazil.....	38.7	52.7	82.8	105.5	98.0	Netherlands.....	4.1	4.2	6.5	6.8	5.8
Burma.....	-6.1	5.7	.6	-3	5.0	Nigeria.....	18.7	11.1	11.4	20.8	(NA)
Canada.....	9.0	9.1	10.2	12.4	10.8	Norway.....	8.0	4.8	10.8	13.7	11.4
Chile.....	40.1	33.4	35.1	19.7	9.9	Pakistan.....	6.7	9.4	11.7	13.8	7.4
Colombia.....	17.8	24.7	26.5	27.5	24.6	Peru.....	57.8	66.7	59.2	75.4	64.5
Denmark.....	10.1	9.6	12.3	11.7	10.1	Philippines.....	7.6	18.8	17.8	11.8	12.5
Dominican Republic.....	3.5	9.2	16.8	7.5	7.7	Portugal.....	22.5	23.8	16.6	20.0	22.8
Ecuador.....	11.7	10.3	13.1	16.4	16.1	Romania.....	2.0	1.8	1.5	1.8	16.0
Egypt.....	11.1	9.8	20.7	10.5	14.8	South Africa.....	10.2	13.1	13.8	15.2	14.7
El Salvador.....	13.2	15.8	17.4	14.8	11.7	Spain.....	19.8	15.6	15.6	14.6	14.4
Ethiopia.....	14.4	16.1	4.5	5.9	5.9	Sri Lanka.....	12.1	10.8	26.2	17.9	10.8
Finland.....	7.8	7.5	11.6	12.0	9.3	Sweden.....	9.9	7.3	13.7	12.1	8.6
France.....	9.1	10.8	13.3	13.3	12.1	Switzerland.....	.8	3.6	4.0	6.5	5.7
Germany, F.d. Rep. of.....	2.7	4.1	5.5	5.9	5.3	Syria.....	5.1	4.8	19.2	17.9	14.3
Ghana.....	73.1	54.4	50.1	116.5	22.3	Thailand.....	7.9	9.9	19.7	12.7	5.3
Greece.....	12.6	19.0	24.9	24.5	21.0	Tunisia.....	5.3	7.8	10.0	8.9	13.7
Guatemala.....	7.9	11.5	10.7	11.4	.4	Turkey.....	45.3	58.7	110.2	36.6	30.8
India.....	2.5	6.4	11.4	13.0	7.9	United Kingdom.....	8.3	13.4	18.0	11.9	8.6
Indonesia.....	8.1	21.9	18.5	12.2	9.5	Venezuela.....	7.1	12.4	21.6	16.2	9.9
Iran.....	11.7	10.5	20.7	24.2	18.7	Yugoslavia.....	13.6	21.3	29.9	39.7	32.9
Ireland.....	7.6	13.2	18.2	20.5	17.1	Zaire.....	48.5	108.6	42.1	34.9	37.2
						Zambia.....	16.4	9.7	11.7	14.0	12.5

NA Not available.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly, with annual yearbooks.

## NO. 1518. CONSUMER PRICE INDEXES FOR SELECTED ITEMS—SELECTED COUNTRIES: 1975 AND 1982

[For percent increases in total consumer prices, see table 812. For explanation of average annual percent change, see Guide to Tabular Presentation]

COUNTRY	INDEXES (1967 = 100)										AVG. ANNUAL PERCENT CHANGE, 1975-1982			
	Total		Food <sup>1</sup>		Clothing		Housing <sup>2</sup>		Transportation		Food <sup>1</sup>	Clothing	Housing <sup>2</sup>	Transportation
	1975	1982	1975	1982	1975	1982	1975	1982	1975	1982				
United States.....	161.2	289.1	175.4	285.7	142.3	191.8	164.5	314.7	150.6	291.5	7.2	4.4	9.7	9.9
Australia.....	178.7	360.3	165.8	343.1	184.1	345.8	199.6	396.5	(NA)	(NA)	10.9	9.4	10.3	(NA)
Austria.....	157.2	229.0	149.4	206.3	141.7	188.2	174.4	271.4	161.4	247.2	4.7	4.1	6.5	6.3
Canada.....	160.1	303.4	180.1	346.4	136.9	221.0	160.7	307.2	150.3	314.9	9.8	7.1	9.7	11.1
France.....	178.9	373.1	182.8	378.6	166.2	319.4	180.6	402.3	192.0	431.7	11.0	9.8	12.1	12.3
Germany, F.R.....	144.1	196.1	135.0	177.1	143.2	196.2	153.7	217.4	151.0	206.1	4.0	4.6	5.1	4.5
Italy.....	186.9	553.2	185.2	517.7	194.6	594.3	173.6	539.1	207.5	680.8	15.8	17.3	17.6	18.0
Japan.....	204.5	303.8	220.9	309.0	217.5	310.6	174.3	242.8	170.2	274.6	4.9	5.2	4.8	7.1
Netherlands.....	175.3	268.7	155.9	220.4	190.6	277.9	173.9	289.6	167.8	253.9	5.1	5.5	7.6	6.1
Sweden.....	164.3	329.3	169.5	364.5	141.9	219.6	177.0	389.1	(NA)	(NA)	11.6	6.4	11.9	(NA)
United Kingdom.....	216.5	514.7	243.0	517.3	187.5	314.0	208.7	538.5	224.4	535.9	12.2	7.6	14.5	13.2

NA Not available. <sup>1</sup> Restaurant meals, alcohol, and tobacco are included for some countries; excluded for others. <sup>2</sup> Includes shelter, utilities, and household furnishings and operations. However, actual coverage and measurement methods vary significantly from country to country.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, periodic.

**NO. 1519. LABOR FORCE PARTICIPATION RATES, BY SEX, AND FEMALES AS PERCENT OF TOTAL LABOR FORCE—SELECTED COUNTRIES: 1960 TO 1982**

COUNTRY	LABOR FORCE PARTICIPATION RATES <sup>1</sup>										FEMALES AS PERCENT OF TOTAL LABOR FORCE				
	Female					Male									
	1960	1970	1975	1980	1982	1960	1970	1975	1980	1982	1960	1970	1975	1980	1982
United States.....	42.6	48.9	53.1	61.3	63.1	91.7	87.1	85.3	87.8	88.1	32.3	36.7	39.1	41.8	42.7
Canada.....	32.0	43.1	50.0	50.2	51.6	91.7	85.5	86.2	78.3	76.9	25.4	33.3	36.5	40.0	41.1
France.....	46.4	48.2	50.5	55.6	(NA)	93.8	87.2	84.4	83.4	(NA)	33.4	35.4	37.1	40.1	41.5
Germany, F.R. ....	49.2	48.1	48.5	49.4	49.6	94.4	92.5	85.7	81.7	80.6	37.3	35.9	37.2	38.1	38.4
Italy.....	37.1	29.6	30.7	39.2	40.0	82.2	83.1	81.2	81.2	81.3	29.5	26.8	28.0	33.4	33.7
Japan.....	60.0	55.3	51.7	54.9	55.9	92.2	89.3	89.6	89.0	89.0	40.7	39.3	37.3	38.7	39.0
Sweden.....	55.0	59.4	67.6	76.3	93.6	88.8	89.2	(NA)	86.6	36.9	39.5	42.5	45.2	46.3	46.3
United Kingdom.....	46.1	50.5	55.3	59.0	(NA)	98.0	94.8	91.5	89.9	(NA)	32.7	35.3	37.7	39.5	* 99.5

NA Not available.

<sup>1</sup> Labor force of all ages as percent of population, 15-64 years old.<sup>2</sup> 1981 data.

**NO. 1520. LABOR FORCE PARTICIPATION RATES, BY SEX AND AGE-GROUP—SELECTED COUNTRIES: 1960 AND 1982**

[Participation rates represent percent of population of each specified group in labor force]

COUNTRY	15-19 YEARS OLD		20-24 YEARS OLD		25-54 YEARS OLD		55-64 YEARS OLD		65 YEARS AND OVER	
	1960	1982	1960	1982	1960	1982	1960	1982	1960	1982
United States: Total.....	1 50.1	1 54.9	69.0	78.1	70.8	80.0	60.8	55.1	16.3	11.9
Male.....	1 58.9	1 58.1	91.4	86.0	95.7	94.2	84.7	70.2	30.3	17.8
Female.....	1 39.0	1 51.6	46.5	70.1	42.8	66.4	37.0	41.8	9.0	7.9
Canada: Total.....	48.5	52.1	69.5	78.8	63.4	78.7	55.6	52.9	18.1	8.4
Male.....	50.4	53.7	90.6	84.3	96.3	93.9	87.9	73.7	30.7	13.8
Female.....	45.1	50.4	49.7	73.1	30.8	63.5	22.7	34.0	6.0	4.2
France: Total.....	2 50.2	19.5	76.5	68.1	70.8	81.0	58.3	47.1	19.1	3.8
Male.....	2 54.9	22.4	90.0	69.1	96.3	95.9	80.3	59.9	31.1	5.9
Female.....	2 45.2	16.7	63.0	67.2	45.1	65.8	40.2	35.5	12.0	2.4
Germany, F.R.: Total.....	2 73.7	3 33.2	81.4	73.9	68.9	73.4	52.9	45.5	13.9	3.4
Male.....	2 74.9	3 35.2	90.3	77.7	96.7	91.7	83.0	68.1	23.2	6.0
Female.....	2 72.4	3 31.1	72.0	69.8	45.1	54.3	28.2	29.9	7.9	2.9
Italy: Total.....	1 56.2	3 4 31.1	62.4	56.3	62.7	66.5	(NA)	(NA)	24.4	11.4
Male.....	1 67.1	3 4 33.1	77.4	74.1	95.2	93.2	(NA)	(NA)	40.2	19.1
Female.....	1 45.2	3 4 29.0	48.0	58.6	32.4	40.9	(NA)	(NA)	11.5	5.3
Japan: Total.....	50.8	17.7	79.1	70.8	76.0	77.6	66.4	63.1	39.6	25.5
Male.....	52.7	16.1	87.8	70.2	96.0	97.1	85.6	84.9	56.9	36.8
Female.....	49.0	17.2	70.8	71.1	57.6	58.1	46.7	45.1	25.6	16.0
Sweden: Total.....	1 61.1	1 48.5	73.8	82.7	76.2	80.4	64.1	68.1	25.8	8.3
Male.....	1 62.5	1 48.0	80.4	63.8	96.1	94.9	88.2	77.7	44.4	13.2
Female.....	1 58.6	1 49.0	66.7	81.5	56.0	65.8	40.3	58.9	10.4	4.1
United Kingdom: Total.....	65.9	3 54.0	78.2	80.0	68.9	79.8	60.2	57.2	12.7	4.6
Male.....	71.4	3 56.6	93.5	90.5	98.1	96.9	97.5	79.3	24.6	7.8
Female.....	60.2	3 51.3	62.5	69.1	40.4	62.8	28.4	37.0	5.2	2.6

NA Not available. <sup>1</sup> Persons 16-19 years old. <sup>2</sup> 1962 data. <sup>3</sup> 1981 data. <sup>4</sup> Persons 14-19 years old. <sup>5</sup> Persons 25-59 years old. <sup>6</sup> Persons 60 years old and over.

Source of tables 1519 and 1520: Organization for Economic Co-operation and Development, Paris, France, unpublished data. Data compiled from national publications.

**NO. 1521. LABOR FORCE AND UNEMPLOYMENT—INTERNATIONAL COMPARISONS: 1970 TO 1982**

[Data on basis of U.S. labor force definitions adopted in 1967 (see text, p. 402) except that minimum age for population base varies as follows: United States, France, Sweden, and, beginning 1975, Great Britain, 16 years; Australia, Canada, Japan, Germany, and, for 1970, Great Britain, 15 years; Italy, 14 years.]

COUNTRY	CIVILIAN LABOR FORCE (millions)								PERCENT UNEMPLOYED							
	1970	1975	1977	1978	1979	1980	1981	1982	1970	1975	1977	1978	1979	1980	1981	1982
United States.....	82.8	93.8	99.0	102.3	105.0	106.9	108.7	110.2	4.9	8.5	7.1	6.1	5.8	7.1	7.6	8.7
Australia.....	5.5	6.2	6.4	6.4	6.5	6.7	6.8	6.9	1.6	4.9	5.6	6.3	6.2	6.1	5.8	7.1
Canada.....	8.4	10.0	10.5	10.9	11.2	11.5	11.8	11.9	5.7	6.9	8.1	8.4	7.5	7.5	7.6	11.0
France.....	20.8	21.6	22.1	22.3	22.6	22.6	22.7	22.9	2.4	4.2	4.9	5.4	6.1	6.5	7.7	8.5
Germany, F.R. ....	26.2	26.1	25.9	26.0	26.2	26.5	26.6	26.6	.5	3.4	3.5	3.4	3.0	2.9	4.1	5.9
Great Britain ..	24.5	25.2	25.5	25.6	25.7	25.8	25.8	25.7	3.1	4.6	6.3	6.2	5.6	4.0	10.6	12.3
Italy.....	19.5	20.1	20.5	20.8	20.9	21.2	21.4	21.4	2.8	3.0	3.6	3.7	3.9	3.8	4.3	4.8
Japan.....	50.7	52.5	53.8	54.6	55.2	55.7	56.3	57.0	1.2	1.9	2.0	2.3	2.1	2.0	2.2	2.4
Sweden.....	3.9	4.1	4.2	4.3	4.3	4.3	4.4	4.4	1.5	1.6	1.8	2.2	2.1	2.0	2.5	3.1

<sup>1</sup> Preliminary estimates based on incomplete data. <sup>2</sup> Federal Republic of Germany. Includes West Berlin.Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, periodic.

# Manufacturing Activity

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## NO. 1522. SELECTED INDEXES OF MANUFACTURING ACTIVITY—SELECTED COUNTRIES: 1970 TO 1982

[1977=100. Minus sign (–) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	United States	Canada	Belgium	Denmark	France	Germany <sup>1</sup>	Italy	Japan	Netherlands	Sweden	United Kingdom
<b>Output per hour:</b>											
1970.....	79.1	77.0	58.8	65.3	70.1	68.2	72.7	61.4	69.0	82.0	80.5
1975.....	93.4	91.2	85.1	94.4	87.9	89.0	91.1	85.3	85.1	100.5	94.6
1980.....	101.7	102.3	115.4	109.8	112.6	109.8	116.9	125.4	114.2	114.4	108.1
1981.....	104.6	103.1	121.8	118.0	114.4	112.8	121.0	126.3	117.2	114.5	114.2
1982 <sup>2</sup> .....	103.6	100.3	119.5	122.3	114.7	122.6	127.6	(NA)	117.9	118.2	
<b>Average annual percent change:</b>											
1970-1975 .....	3.4	3.4	7.7	7.6	4.6	5.4	4.6	6.8	6.2	4.2	3.3
1975-1980 .....	1.7	2.3	6.3	3.1	5.1	4.3	5.1	8.0	6.1	2.6	2.7
1980-1982 <sup>2</sup> .....	.9	-1.0	35.5	4.3	4.2	2.2	2.4	.9	3.26	1.5	4.6
<b>Compensation per hour, national currency basis:<sup>4</sup></b>											
1970.....	57.6	46.9	34.2	36.3	38.0	46.3	26.1	33.9	38.5	38.5	32.3
1975.....	85.4	78.9	78.9	81.0	77.0	84.0	70.2	85.4	81.9	77.3	75.8
1980.....	132.9	129.3	127.4	136.5	146.6	126.7	160.2	120.2	123.0	133.3	172.5
1981.....	146.5	143.7	137.8	149.3	168.6	136.1	185.6	128.5	128.9	150.2	200.2
1982 <sup>2</sup> .....	158.9	159.5	(NA)	164.9	199.7	143.4	230.9	132.9	(NA)	160.4	218.3
<b>Average annual percent change:</b>											
1970-1975 .....	8.2	10.9	18.2	17.4	15.1	12.6	21.9	20.3	16.3	14.9	18.6
1975-1980 .....	9.2	10.4	10.1	11.0	13.7	8.6	17.9	7.1	8.5	11.5	17.9
1980-1982 <sup>2</sup> .....	9.4	11.0	38.2	9.9	16.7	6.4	20.1	5.1	3.48	9.7	12.5
<b>Real hourly compensation:<sup>4,5</sup></b>											
1970.....	89.8	77.8	59.7	68.5	69.7	67.0	62.3	88.8	67.6	71.7	81.2
1975.....	98.2	91.6	92.3	98.1	92.3	90.7	97.7	101.1	85.1	95.9	103.2
1980.....	97.7	98.8	109.5	100.8	106.9	113.0	101.6	103.2	108.5	101.8	118.7
1981.....	97.6	97.5	110.0	98.6	108.4	114.7	104.5	105.2	104.5	102.1	123.2
1982 <sup>2</sup> .....	102.3	97.7	(NA)	98.9	114.8	114.8	106.1	105.8	(NA)	97.3	123.7
<b>Average annual percent change:</b>											
1970-1975 .....	1.4	3.4	9.1	7.4	5.8	6.2	9.4	8.0	7.0	6.0	4.9
1975-1980 .....	3.5	1.5	3.5	.5	3.0	4.5	.8	.4	2.3	1.2	2.9
1980-1982 <sup>2</sup> .....	2.3	-5	3.5	-9	3.6	.8	2.2	1.3	3-1.9	-2.2	2.1
<b>Unit labor costs, national currency:</b>											
1970.....	72.7	60.9	58.1	55.6	54.3	67.9	36.0	55.2	61.0	47.0	40.1
1975.....	91.5	86.4	92.8	85.8	87.6	94.4	77.1	100.1	98.2	76.9	80.1
1980.....	130.6	126.4	110.5	124.3	130.2	115.3	137.0	95.9	107.7	116.6	159.5
1981.....	140.0	139.3	113.1	128.7	147.4	120.6	161.7	101.7	110.0	131.2	175.3
1982 <sup>2</sup> .....	153.4	159.1	(NA)	138.0	163.3	125.0	188.4	104.2	(NA)	136.0	184.7
<b>Average annual percent change:</b>											
1970-1975 .....	4.7	7.3	9.8	9.1	10.1	6.8	16.5	12.6	9.5	10.3	14.8
1975-1980 .....	7.4	7.9	3.6	7.7	8.2	4.1	12.2	-.9	2.3	8.7	14.8
1980-1982 <sup>2</sup> .....	8.4	12.2	32.4	5.3	12.0	4.1	17.3	4.2	32.1	8.0	7.6
<b>Unit labor costs, U.S. dollar basis:<sup>6</sup></b>											
1970.....	72.7	62.0	41.9	44.5	48.3	43.2	50.6	41.3	41.4	40.5	55.0
1975.....	91.5	90.3	90.6	89.8	100.6	89.2	104.3	90.4	93.5	82.9	101.9
1980.....	130.6	114.9	135.5	132.6	151.7	147.5	141.4	113.8	133.1	123.2	212.7
1981.....	140.0	123.5	109.4	108.8	134.0	124.2	126.2	123.8	108.4	116.4	203.3
1982 <sup>2</sup> .....	153.4	136.9	(NA)	99.3	122.0	119.5	122.9	112.0	(NA)	96.7	185.1
<b>Average annual percent change:</b>											
1970-1975 .....	4.7	7.8	16.7	15.1	5.8	15.6	15.6	17.0	17.7	15.4	13.1
1975-1980 .....	7.4	4.9	8.4	8.1	8.6	10.6	6.3	4.7	7.3	8.2	15.8
1980-1982 <sup>2</sup> .....	8.4	9.2	39.3	-13.5	-10.3	-10.0	-6.8	-8	38.6	-11.4	-6.7
<b>Employment:</b>											
1970.....	98.2	95.0	113.5	113.5	97.6	116.0	94.8	99.5	118.6	103.8	110.3
1975.....	93.0	101.6	108.5	100.0	101.5	103.3	99.7	99.8	107.7	103.8	102.6
1980.....	103.3	106.6	91.4	98.2	95.3	100.4	99.7	101.3	95.3	97.4	89.5
1981.....	102.8	108.6	86.3	93.5	91.8	97.9	97.8	102.2	92.2	94.3	80.6
1982 <sup>2</sup> .....	96.1	98.6	(NA)	92.9	90.0	94.3	95.6	101.7	(NA)	80.7	75.9
<b>Average annual percent change:</b>											
1970-1975 .....	-1.1	1.4	-.9	-2.5	.8	-2.9	1.0	.1	-2.0	-	-1.4
1975-1980 .....	2.1	1.0	-3.4	-4	-1.3	-.6	-	.3	-2.3	-1.3	-2.7
1980-1982 <sup>2</sup> .....	-3.6	-3.8	35.6	-2.8	-2.8	-3.1	-2.1	.2	33.3	-3.5	-7.9
<b>Hours:</b>											
1970.....	97.3	97.7	130.5	125.1	105.4	126.0	107.4	106.4	131.1	114.6	117.6
1975.....	91.4	101.4	107.6	100.4	102.6	101.6	95.4	98.4	107.7	105.9	101.7
1980.....	101.8	105.7	89.4	97.6	94.0	97.1	98.7	103.0	94.0	92.3	84.7
1981.....	101.2	107.0	82.6	92.9	90.0	93.2	94.5	103.2	90.8	88.8	75.0
1982 <sup>2</sup> .....	93.2	96.8	(NA)	92.5	84.2	89.2	91.6	102.5	(NA)	86.2	71.9
<b>Average annual percent change:</b>											
1970-1975 .....	-1.2	.7	-3.8	-4.3	-.5	-4.2	-2.3	-1.9	-3.8	-1.6	-2.9
1975-1980 .....	2.2	.8	-3.6	-.6	-1.7	-9	.7	1.3	-2.7	-2.7	-3.6
1980-1982 <sup>2</sup> .....	-4.3	-4.4	37.6	-2.6	-5.4	-4.2	-3.7	-2	33.4	-3.4	-7.8

<sup>1</sup> Represents zero. <sup>2</sup> NA Not available. <sup>3</sup> Federal Republic of Germany. Includes West Berlin. <sup>4</sup> Preliminary.

<sup>5</sup> 1980-1981. <sup>6</sup> Compensation includes, but real hourly compensation excludes, adjustments for payroll and employment taxes that are not compensation to employees, but are labor costs to employers. <sup>7</sup> Index of hourly compensation divided by the Index of consumer prices to adjust for changes in purchasing power. <sup>8</sup> Indexes in national currency adjusted for changes in prevailing exchange rates.

Source: U.S. Bureau of Labor Statistics, *Handbook of Labor Statistics*, periodic.

## Comparative International Statistics

## NO. 1523. CRUDE STEEL PRODUCTION, 1975 TO 1981, AND CONSUMPTION, 1975 TO 1980

[Production data cover both ingots and steel for castings and exclude wrought (puddled) iron. Consumption data represent apparent consumption (i.e. production plus imports minus exports) and do not take into account changes in stocks]

COUNTRY	PRODUCTION (mil. metric tons)				CONSUMPTION							
					Total (mil. metric tons)				Per capita (kilograms)			
	1975	1979	1980	1981	1975	1978	1979	1980	1975	1978	1979	1980
World .....	646.2	738.5	703.5	692.1	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States .....	105.6	123.7	101.5	109.6	118.8	146.4	140.9	115.6	549	672	640	508
Argentina .....	2.0	3.1	2.6	2.4	4.3	3.5	4.1	3.8	168	131	154	140
Australia .....	<sup>a</sup> 7.9	<sup>a</sup> 7.5	<sup>a</sup> 7.9	<sup>a</sup> 8.0	6.3	5.1	5.8	6.1	467	356	402	416
Austria .....	4.1	4.9	4.6	4.7	2.2	2.7	2.7	2.7	288	362	359	354
Bangladesh .....	.1	.1	.1	.1	.1	.2	.3	1	2	3	3	3
Belgium .....	11.6	13.5	12.3	12.3	<sup>a</sup> 3.2	<sup>a</sup> 4.1	<sup>a</sup> 3.8	<sup>a</sup> 3.2	<sup>a</sup> 314	<sup>a</sup> 402	<sup>a</sup> 378	<sup>a</sup> 324
Brazil .....	7.8	10.0	10.2	8.4	11.2	12.9	14.5	16.2	106	112	122	132
Bulgaria .....	2.3	2.5	2.6	2.5	2.2	2.4	2.7	2.8	252	277	305	312
Canada .....	13.0	16.1	15.9	14.8	12.2	13.6	15.0	12.9	577	575	635	541
China: Mainland .....	23.9	34.5	37.1	35.6	31.7	42.7	44.5	43.3	36	46	47	45
Czechoslovakia .....	14.3	14.8	15.2	15.3	10.8	11.5	11.0	11.2	733	756	720	729
France .....	21.5	23.4	23.2	21.3	18.5	19.5	21.1	20.0	350	367	395	373
German Dem. Rep. ....	6.5	7.0	7.3	7.5	9.5	10.1	9.9	9.8	566	605	591	593
Germany, Fed. Rep. of .....	40.4	46.0	43.8	41.6	30.3	32.3	36.9	33.8	489	526	602	549
Greece .....	<sup>a</sup> 1.0	<sup>a</sup> 1.0	<sup>a</sup> 1.0	<sup>a</sup> 1.0	1.3	1.6	1.6	2.0	143	167	(NA)	
India .....	7.9	10.0	9.4	10.7	8.5	10.1	11.1	(NA)	14	16	19	(NA)
Indonesia .....	(NA)	(NA)	(NA)	(NA)	1.4	1.4	1.3	1.9	11	9	9	13
Italy .....	21.8	24.3	26.5	25.0	17.8	18.8	22.7	26.1	318	332	400	458
Japan .....	102.3	111.7	111.4	101.7	64.7	61.5	73.2	73.4	580	535	637	629
Korea, Dem. Peo. Rep. ....	<sup>a</sup> 4.2	<sup>a</sup> 3.4	<sup>a</sup> 3.5	<sup>a</sup> 3.5	3.4	3.2	5.4	5.9	213	188	311	326
Korea, Rep. of .....	2.0	5.2	5.7	5.9	3.1	8.4	10.7	10.9	88	226	264	266
Mexico .....	5.2	7.0	7.0	7.4	6.2	9.3	9.0	10.6	103	139	130	147
Netherlands .....	4.8	5.8	5.0	4.3	4.5	4.9	4.3	4.6	332	355	308	328
Nigeria .....	(NA)	(Z)	(Z)	(Z)	1.4	1.4	.9	1.9	22	19	13	25
Pakistan .....	(NA)	(NA)	(NA)	(NA)	.5	.6	.8	.6	7	8	10	8
Philippines .....	(NA)	(NA)	(NA)	(NA)	1.0	1.6	1.6	1.3	22	34	34	27
Poland .....	14.6	19.5	18.6	15.1	17.8	19.7	19.3	18.8	524	561	545	527
Romania .....	9.5	12.9	13.2	13.0	9.8	11.5	12.4	12.1	464	528	583	544
South Africa .....	6.6	8.8	9.0	9.0	7.5	5.1	5.9	6.7	263	168	189	211
Soviet Union .....	150.4	149.1	147.9	148.4	141.0	<sup>a</sup> 145.6	(NA)	(NA)	554	<sup>a</sup> 567	(NA)	(NA)
Spain .....	11.1	12.3	12.6	12.9	10.9	6.9	7.9	8.7	306	186	214	233
Sweden .....	5.6	4.6	4.2	3.8	6.3	3.9	4.4	4.1	773	468	528	497
Turkey .....	<sup>a</sup> 1.5	<sup>a</sup> 1.8	<sup>a</sup> 1.7	<sup>a</sup> 1.5	3.1	3.5	3.1	(NA)	80	81	69	(NA)
United Kingdom .....	20.1	21.5	11.3	15.6	21.5	20.0	20.5	19.8	385	359	368	247
Venezuela .....	.9	1.5	1.8	1.8	2.4	2.9	3.0	3.4	198	222	220	242
Vietnam .....	(NA)	(NA)	(NA)	(NA)	.2	.5	.2	1.4	5	10	4	26
Yugoslavia .....	2.9	3.5	2.3	2.3	5.3	5.4	5.5	5.7	248	246	250	254

NA Not available. Z Less than 50,000 metric tons.

<sup>a</sup> Excludes steel for castings made in foundries operated by companies not producing ingots.

<sup>b</sup> Year ending June 30.

<sup>c</sup> Luxembourg included with Belgium.

<sup>d</sup> Data from U.S. Bureau of Mines.

<sup>e</sup> For 1976.

## NO. 1524. IRON ORE PRODUCTION: 1975 TO 1981

[In million metric tons. Data refer generally to iron content of iron ores and concentrates and all other iron-bearing ores and concentrates intended for treatment for iron recovery]

COUNTRY	1975	1979	1980	1981	COUNTRY	1975	1979	1980	1981
World .....	520.6	530.3	536.3	498.2	Japan <sup>b</sup> .....	.4	.4	.3	.3
United States <sup>a</sup> .....	49.0	54.5	44.6	47.3	Korea, Dem. Peo. Rep. <sup>a</sup> .....	2.7	3.1	3.3	3.3
Australia <sup>a</sup> .....	60.9	53.2	61.3	59.1	Korea, Rep. of .....	.3	.3	.3	.3
Austria .....	1.2	1.0	1.0	.9	Liberia .....	13.5	12.9	12.0	12.2
Brazil .....	73.6	79.9	95.0	64.9	Mauritania <sup>a</sup> .....	5.6	5.8	5.3	5.2
Bulgaria .....	.8	.7	.6	.5	Mexico .....	3.4	4.0	5.1	5.3
Canada <sup>a</sup> .....	27.6	36.7	30.2	30.7	Philippines .....	.8	(Z)		
China: Mainland <sup>a</sup> .....	30.0	37.5	37.5	35.1	Romania .....	.8	.6	.6	.6
Czechoslovakia .....	.5	.5	.5	.5	South Africa .....	7.6	19.8	16.5	17.7
Finland .....	.4	.8	.8	.8	Soviet Union .....	127.9	131.5	132.9	131.1
France .....	15.3	9.8	9.1	6.8	Spain .....	4.3	4.0	4.4	3.8
Germany, Fed. Rep. ....	1.1	.5	.6	.5	Sweden .....	20.9	17.0	17.4	14.9
Greece .....	.8	.8	.6	.6	Turkey .....	1.3	1.1	1.4	1.6
India .....	26.1	25.1	26.4	26.0	United Kingdom .....	1.2	1.1	.2	.2
Italy .....	.3	.1	.1	.1	Venezuela .....	15.4	9.5	10.0	9.7

- Represents zero. Z Less than 50,000 metric tons. <sup>a</sup> Includes metal content of by-product ore.

<sup>b</sup> Year ending June 30. <sup>c</sup> Represents shipments. <sup>d</sup> Data from U.S. Bureau of Mines. <sup>e</sup> Includes iron content of iron sand and pyrites.

Source of tables 1523 and 1524: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook and Yearbook of Industrial Statistics*, vol. II. (Copyright.)

# Energy Production and Consumption

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## NO. 1525. PRIMARY ENERGY PRODUCTION BY SOURCE OF ENERGY AND REGION: 1960 TO 1980

[In millions of metric tons of coal equivalent. See text, p. 854, for general comments concerning the data]

SOURCE OF ENERGY AND YEAR	World total	Africa	United States and Canada	Other West- ern Hemi- sphere	Middle East	Other Asia	West- ern Europe	East- ern Europe	Soviet Union	Oceania
<b>Total primary energy:</b>										
1960.....	4,243	60	1,492	312	388	471	532	962	26	
1965.....	5,363	208	1,811	399	618	433	545	1,313	36	
1970.....	7,068	486	2,809	459	1,046	551	552	1,623	63	
1975.....	8,110	437	2,225	416	1,484	793	625	2,032	99	
1978.....	9,034	565	2,231	475	1,605	1,009	717	492	1,823	117
1979.....	9,470	623	2,353	528	1,643	1,042	777	498	1,885	120
1980.....	9,338	601	2,370	566	1,413	1,043	792	493	1,899	121
Coal and lignite:										
1960.....	1,974	39	389	7	4	406	465	640	25	
1965.....	2,076	48	466	8	5	342	449	724	33	
1970.....	2,179	54	526	8	7	391	357	791	46	
1975.....	2,231	62	535	11	9	485	307	862	60	
1978.....	2,476	77	517	14	10	591	288	386	523	70
1979.....	2,614	91	607	15	13	603	292	397	522	73
1980.....	2,654	97	649	15	11	600	302	390	515	73
Crude petroleum: <sup>1</sup>										
1960.....	1,587	20	596	285	380	47	23	236	(z)	
1965.....	2,277	156	690	354	606	62	32	377	(z)	
1970.....	3,423	427	878	398	1,017	121	29	541	12	
1975.....	3,978	356	801	334	1,433	238	42	744	29	
1978.....	4,526	449	810	371	1,553	321	128	29	832	33
1979.....	4,715	496	816	411	1,583	330	167	27	853	32
1980.....	4,508	463	815	437	1,353	325	179	26	878	30
Natural gas:										
1960.....	597	(z)	476	15	3	6	16	79	(NA)	
1965.....	893	3	616	30	6	11	26	200	(z)	
1970.....	1,912	3	852	42	21	18	99	274	2	
1975.....	1,578	14	802	53	41	41	215	405	6	
1978.....	1,758	33	802	68	40	63	227	73	10	
1979.....	1,854	29	830	78	45	69	240	69	483	11
1980.....	1,879	33	806	87	47	75	232	70	516	13
Hydro and nuclear electricity: <sup>2</sup>										
1960.....	85	1	31	4	(z)	11	29	7	1	
1965.....	116	2	39	6	(z)	17	39	11	2	
1970.....	154	3	53	10	1	21	47	17	3	
1975.....	223	5	85	16	1	29	62	21	4	
1978.....	274	6	102	22	2	34	74	5	26	4
1979.....	282	7	101	24	2	39	78	5	27	4
1980.....	300	7	101	27	2	43	79	6	30	4

NA Not available. Z Less than 500,000.

<sup>1</sup> Includes natural gas liquids.

<sup>2</sup> Includes geothermal.

Source: Statistical Office of the United Nations, New York, N.Y., 1980 Yearbook of World Energy Statistics. (Copyright)

## NO. 1526. ENERGY CONSUMPTION, 1970 AND 1981, AND ENERGY PRODUCTION, 1970 AND 1980, BY COUNTRY

[Metric ton = 1.1023 short tons. See text, p. 854, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	ENERGY CONSUMED <sup>1</sup> (coal equiv.)				ELECTRIC ENERGY PRODUCTION <sup>2</sup> (bill. kWh)		CRUDE PETROLEUM PRODUCTION <sup>3</sup> (mil. metric tons)		COAL PRODUCTION <sup>4</sup> (mil. metric tons)	
	Total (mil. metric tons)		Per capita (kilograms)		1970	1980	1970	1980	1970	1980
	1970	1981	1970	1981	1970	1980	1970	1980	1970	1980
World, total.....	6,446.3	8,493.4	1,762	1,893	4,923	8,239	2,277	2,986	2,143	2,733
United States.....	2,216.9	2,344.8	10,811	10,204	5,164	5,236	475.3	424.0	550.4	714.5
Algeria.....	4.6	28.0	316	1,429	2.0	6.2	49.0	54.9	(z)	(z)
Argentina.....	37.9	48.3	1,595	1,718	21.7	40.6	20.0	25.3	.6	.4
Australia.....	60.6	88.4	4,843	5,987	53.9	95.9	7.85	18.9	45.2	75.6
Austria.....	24.4	30.2	3,283	4,020	30.0	42.0	2.8	1.5	—	—
Bahrain.....	.6	5.3	2,698	16,543	.2	1.3	3.8	2.4	(NA)	(NA)
Bangladesh.....	(NA)	4.2	(NA)	46	(NA)	2.6	(NA)	(X)	11.4	6.3
Belgium.....	54.1	52.5	5,603	5,229	30.5	53.6	(X)	(X)	2.4	5.2
Brazil.....	41.7	92.0	450	757	5	45.5	137.4	8.0	6.6	.3
Bulgaria.....	32.1	47.7	3,775	5,261	19.5	34.8	.3	.3	.4	.3
Burma.....	1.6	2.3	59	63	.6	1.4	.8	1.7	(z)	(z)
Canada.....	188.8	243.8	8,852	10,070	5	204.7	5	386.7	60.4	70.4
Chile.....	10.8	10.4	1,152	925	7.6	11.5	1.5	1.5	1.4	1.0
China: Mainland.....	297.8	571.8	367	578	5	107.0	5	300.6	23.9	106.0
Taiwan <sup>12</sup> .....	18 37.9	18 36.1	13 2,127	13 1,992	14.0	42.0	(NA)	(NA)	360.0	594.0
Colombia.....	12.0	20.9	586	752	8.8	20.6	11.3	8.6	2.3	5.0
Cuba.....	8.5	13.5	997	1,382	4.9	9.8	.2	.3	(X)	(X)
Czechoslovakia.....	77.4	98.1	5,403	6,403	45.2	74.1	.2	.1	28.2	28.2

See footnotes at end of table.

## No. 1526. ENERGY CONSUMPTION, 1970 AND 1981, AND ENERGY PRODUCTION, 1970 AND 1980, BY COUNTRY—Continued

[Metric ton=1.1023 short tons. See text, p. 854, for general comments about the data. For additional data qualifications for countries, see source.]

COUNTRY	ENERGY CONSUMED <sup>1</sup> (coal equiv.)				ELECTRIC ENERGY PRODUCTION <sup>2</sup> (bil. kWh)		CRUDE PETROLEUM PRODUCTION <sup>3</sup> (mil. metric tons)		COAL PRODUCTION <sup>4</sup> (mil. metric tons)	
	Total (mil. metric tons)		Per capita (kilograms)		1970	1981	1970	1980	1970	1980
	1970	1981	1970	1981			1970	1980		
Denmark.....	26.8	29.0	5,442	5,853	20.0	25.4	—	.3	(x)	(x)
Ecuador.....	1.7	5.4	282	630	.8	3.2	.2	10.4	(NA)	(NA)
Egypt.....	8.7	22.4	260	516	7.6	18.5	16.4	29.4	(x)	(x)
Ethiopia.....	.7	.8	27	26	15.5	7	(x)	(x)	(NA)	(NA)
Finland.....	18.7	22.9	4,068	4,761	* 21.2	* 38.6	(x)	(x)	(x)	(x)
France <sup>16</sup> .....	193.3	220.3	3,806	4,081	147.0	257.8	2.3	.1	37.8	14 19.1
German Dem. Rep. ....	104.5	124.0	6,128	7,409	67.7	98.8	—	.1	1.0	—
Germany, Fed. Rep. ....	313.9	346.2	5,170	5,814	242.6	368.8	7.5	4.6	17 116.3	94.5
Greece.....	9.7	19.5	1,108	2,013	9.8	22.4	(NA)	(NA)	(x)	(x)
Hong Kong.....	3.8	7.7	952	1,487	* 5.1	* 12.6	(NA)	(NA)	(x)	(x)
Hungary.....	29.1	40.8	2,815	3,809	14.5	23.9	1.9	2.0	14 4.2	14 3.1
India.....	76.4	136.2	142	199	<sup>18</sup> 61.2	116.3	6.8	9.4	73.7	109.1
Indonesia.....	13.8	36.4	116	242	2.3	7.1	42.6	77.6	.2	.3
Iran.....	27.2	34.4	947	874	7.0	17.2	191.3	77.9	10 10.5	.9
Iraq.....	5.7	8.0	603	505	2.8	8.0	<sup>20</sup> 76.5	133.0	(NA)	(x)
Ireland.....	7.6	11.0	2,588	3,206	* 6.1	10.9	(x)	(x)	.2	.1
Israel.....	6.4	8.9	2,139	2,255	6.9	12.5	<sup>21</sup> 5.0	(2)	(x)	(x)
Italy.....	<sup>22</sup> 142.0	<sup>22</sup> 187.3	<sup>22</sup> 2,646	<sup>22</sup> 3,273	<sup>22</sup> 117.4	<sup>22</sup> 186.3	1.4	1.8	.3	—
Japan.....	317.4	420.6	3,098	3,575	<sup>18</sup> 359.5	612.0	.8	.4	<sup>23</sup> 39.7	18.0
Korea, Dem. Peo. Rep. ....	28.5	48.8	2,056	2,666	* 16.5	* 35.0	(x)	(x)	<sup>10</sup> 21.8	36.0
Korea, Republic of .....	20.9	54.8	648	1,416	9.6	40.0	(x)	(x)	12.4	18.6
Kuwait.....	<sup>24</sup> 3.6	<sup>24</sup> 6.7	<sup>24</sup> 4,847	<sup>24</sup> 4,548	<sup>24</sup> 2.7	<sup>24</sup> 9.3	<sup>24</sup> 150.6	<sup>24</sup> 80.5	(NA)	(NA)
Libya.....	1.3	6.6	672	2,134	* 4	* 3.1	159.8	88.5	(NA)	(NA)
Malaysia.....	6.0	14.2	574	987	3.5	9.0	.9	13.2	(x)	(x)
Mexico.....	53.1	125.7	1,048	1,687	* 28.7	* 64.2	21.5	99.9	3.0	7.4
Morocco.....	2.9	7.0	187	339	1.9	4.8	(2)	(2)	.4	.7
Netherlands.....	59.8	80.5	4,599	5,592	40.9	64.8	1.9	1.3	4.3	—
Nigeria.....	2.7	17.5	49	220	1.6	5.0	54.2	104.2	.1	.2
Norway.....	17.6	24.4	4,546	5,950	57.6	84.0	—	24.4	.5	.3
Pakistan.....	<sup>25</sup> 10.6	18.7	<sup>25</sup> 682	221	<sup>6</sup> 26.8	16.1	.5	.5	<sup>6</sup> 11.1	1.8
Peru.....	8.0	10.9	596	595	5.5	9.8	3.6	9.6	.2	(z)
Philippines.....	10.0	17.5	272	393	8.7	18.0	—	.5	(2)	.3
Poland.....	116.3	161.8	3,574	4,507	64.5	121.9	.4	.3	140.1	193.1
Portugal.....	6.4	12.4	706	1,250	7.5	15.0	(x)	(x)	.3	.2
Romania.....	61.0	89.3	3,013	4,420	35.1	67.5	13.4	11.5	6.4	8.1
Saudi Arabia.....	<sup>24</sup> 2.7	<sup>24</sup> 15.7	<sup>24</sup> 432	<sup>24</sup> 1,680	<sup>24</sup> 1.1	<sup>24</sup> 9.0	<sup>24</sup> 186.4	<sup>24</sup> 486.7	(NA)	(NA)
South Africa <sup>26</sup> .....	56.9	91.7	2,250	2,694	50.8	95.8	(x)	(x)	54.6	115.0
Soviet Union.....	998.7	1,535.9	4,114	5,738	740.9	1,295.0	<sup>17</sup> 353.0	603.0	432.7	493.0
Spain.....	49.6	90.3	1,467	2,397	56.5	110.2	.2	1.6	<sup>14</sup> 10.8	<sup>14</sup> 13.1
Sudan.....	2.1	1.7	148	89	.4	1.0	(x)	(x)	(NA)	(NA)
Sweden.....	46.4	42.9	5,769	5,156	80.6	96.3	(NA)	(z)	(z)	(z)
Switzerland.....	<sup>27</sup> 20.2	<sup>27</sup> 22.7	<sup>27</sup> 3,211	<sup>27</sup> 3,488	<sup>27</sup> 33.2	<sup>27</sup> 48.2	(x)	(x)	(x)	(x)
Syria.....	2.4	7.8	386	838	.9	3.4	4.2	<sup>9</sup> 8.6	(NA)	(NA)
Tanzania.....	.8	.9	57	48	.5	.7	(x)	(x)	(z)	(z)
Thailand.....	6.7	16.0	183	333	4.5	15.0	<sup>10</sup> (2)	<sup>9</sup> (2)	(x)	(x)
Trinidad and Tobago.....	4.5	6.6	4,398	5,601	1.2	1.8	7.2	11.0	(NA)	(NA)
Tunisia.....	1.5	4.3	662	662	.8	2.6	4.2	5.6	(x)	(x)
Turkey.....	16.8	32.5	476	702	8.6	23.3	3.5	2.3	4.6	3.6
United Arab Emirates.....	.6	5.8	2,476	7,558	<sup>6</sup> 28.1	* 4.5	37.7	83.6	(NA)	(NA)
United Kingdom.....	271.3	259.1	4,895	4,641	249.0	285.1	.1	78.8	<sup>14</sup> 147.1	<sup>14</sup> 130.0
Venezuela.....	24.6	45.1	2,392	3,153	12.7	31.0	194.3	114.4	(2)	(z)
Vietnam.....	12.6	8.1	300	148	2.1	3.9	(NA)	(NA)	3.0	6.3
Yugoslavia.....	28.7	51.6	1,408	2,290	26.0	58.9	2.9	4.2	—	.4
Zaire.....	1.5	2.0	68	74	3.2	4.4	—	1.0	.6	.1
Zambia.....	1.6	2.2	380	373	* 9	* 6.9	(x)	(x)	.6	.6

<sup>—</sup> Represents zero. NA Not available. X Not applicable. Z Less than 50,000 metric tons.

<sup>1</sup> Based on apparent consumption of coal, lignite, petroleum products, natural gas, and hydro and nuclear electricity. <sup>2</sup> Comprises production by utilities generating primarily for public use, and production by industrial establishments generating primarily for own use. Relates to production at generating centers, including station use and transmission losses. <sup>3</sup> Includes shale oil, but excludes natural gasoline. <sup>4</sup> Excludes lignite and brown coal, except as noted. <sup>5</sup> Net production, i.e., excluding station use. <sup>6</sup> Year ending June 30. <sup>7</sup> Includes gas condensates. <sup>8</sup> Excludes production by industrial establishments for own use. <sup>9</sup> United Nations Statistical Office estimate. <sup>10</sup> Data from U.S. Bureau of Mines. <sup>11</sup> Includes lignite and brown coal. <sup>12</sup> Source: U.S. Bureau of the Census. Data from Republic of China publications. <sup>13</sup> Estimated on the basis of the conversion coefficients in the U.N. *Statistical Yearbook*. <sup>14</sup> Includes slurry. <sup>15</sup> Year ending Sept. 10. <sup>16</sup> Includes Monaco. <sup>17</sup> Includes low grade coal at its hard-coal equivalent. <sup>18</sup> Year beginning April. <sup>19</sup> Year beginning March 21. <sup>20</sup> Data from Organization of Petroleum Exporting Countries. <sup>21</sup> Includes estimated production in the occupied Sinai Peninsula (1970, 4.9 million metric tons). <sup>22</sup> Includes San Marino. <sup>23</sup> Includes brown coal. <sup>24</sup> Includes share of production and consumption in the Neutral Zone. <sup>25</sup> Includes Bangladesh. <sup>26</sup> Includes Botswana, Lesotho, Namibia, and Swaziland. <sup>27</sup> Includes Liechtenstein. <sup>28</sup> Abu Dhabi only.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright); and 1980 *Yearbook of World Energy Statistics* (copyright).

## NO. 1527. WHEAT, RICE, AND CORN PRODUCTION, BY COUNTRY: 1979 TO 1981

[In thousands of metric tons. Rice data cover rough and paddy. Data for each country pertain to the calendar year in which all or most of the crop was harvested. See text, p. 854, for general comments concerning quality of the data.]

COUNTRY	WHEAT			RICE			CORN		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
World, total .....	428,777	444,603	458,195	377,394	397,597	413,785	418,357	394,056	451,704
United States.....	58,081	64,619	76,026	5,985	6,629	8,408	201,655	168,787	208,314
Afghanistan.....	2,663	2,700	3,000	439	461	475	760	797	798
Argentina.....	8,100	7,780	8,100	312	266	286	8,700	6,400	13,500
Australia.....	16,188	10,870	16,400	692	613	761	169	151	118
Austria.....	850	1,201	1,025	(NA)	(NA)	(NA)	1,347	1,293	1,374
Bangladesh.....	494	823	1,093	19,599	20,822	20,000	1	1	1
Belgium.....	2,101	2,906	2,943	(NA)	(NA)	(NA)	2,37	2,39	2,25
Brazil.....	2,927	2,708	2,207	7,595	9,748	8,261	16,906	20,374	21,098
Bulgaria.....	3,355	3,847	4,429	73	67	71	3,223	2,256	2,477
Burma.....	41	74	1,80	10,448	13,107	14,636	102	100	1,100
Canada.....	17,185	19,157	24,519	(NA)	(NA)	(NA)	4,983	5,434	6,214
Chile.....	995	966	686	181	95	100	489	405	518
China: Mainland <sup>1</sup> .....	62,733	54,158	57,003	146,859	142,338	146,087	60,149	61,105	61,601
Colombia.....	42	46	62	1,932	1,798	1,789	870	813	880
Cuba.....	(NA)	(NA)	(NA)	425	478	518	195	195	195
Czechoslovakia.....	3,736	5,386	1,400	(NA)	(NA)	(NA)	949	745	800
Denmark.....	580	652	792	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Ecuador.....	31	31	41	318	381	402	218	242	246
Egypt.....	1,856	1,796	1,850	2,517	2,350	2,500	2,938	3,231	2,700
Ethiopia.....	449	469	491	(NA)	(NA)	(NA)	1,067	1,144	1,100
Finland.....	208	357	235	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
France.....	19,522	23,683	22,782	24	24	21	10,413	9,356	9,100
German Dem. Rep. ....	3,116	3,098	3,000	(NA)	(NA)	(NA)	6	4	12
Germany, Fed. Rep. ....	8,061	8,156	8,314	(NA)	(NA)	(NA)	741	672	832
Greece.....	2,407	2,951	2,750	87	80	74	711	1,158	1,250
Hungary.....	3,709	6,077	1,4,800	41	24	135	7,396	6,673	6,500
India.....	35,508	31,830	36,480	63,476	79,930	1,82,000	5,603	6,804	1,7,000
Indonesia.....	(NA)	(NA)	(NA)	26,283	29,774	33,000	3,606	4,012	3,991
Iran.....	5,500	5,700	5,800	1,420	1,212	1,400	57	160	150
Iraq.....	1,492	1,300	1,100	284	1,250	1,250	1,100	190	190
Ireland.....	245	235	240	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Israel.....	132	253	215	(NA)	(NA)	(NA)	11	14	15
Italy.....	8,980	9,150	8,921	1,107	950	931	6,197	6,403	7,250
Japan.....	541	583	612	14,948	12,189	12,924	5	4	3
Kampuchea.....	(NA)	(NA)	(NA)	850	1,000	1,160	170	100	198
Korea, Dem. Peo. Rep. <sup>1</sup> .....	370	380	400	4,800	4,800	4,900	1,1950	1,2200	1,2,200
Korea, Republic of.....	42	92	57	7,881	5,811	7,032	149	154	145
Laos.....	(NA)	(NA)	(NA)	867	1,053	1,155	32	28	33
Madagascar.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2,045	2,109	1,999	116	127	126
Malaysia.....	(NA)	(NA)	(NA)	2,095	2,171	2,147	8	8	8
Mexico.....	2,339	2,785	3,189	500	456	644	8,124	12,383	14,766
Nepal.....	415	440	477	2,050	2,464	2,407	554	743	1,720
Netherlands.....	836	882	882	(NA)	(NA)	(NA)	2	2	2
New Zealand.....	295	306	373	(NA)	(NA)	(NA)	179	156	177
Pakistan.....	9,950	10,805	11,340	4,824	4,679	5,093	875	947	1,004
Panama.....	(NA)	(NA)	(NA)	170	156	192	63	63	68
Peru.....	102	77	117	560	420	684	621	443	628
Philippines.....	(NA)	(NA)	(NA)	7,504	7,840	7,720	3,167	3,117	3,176
Poland.....	4,187	4,175	4,229	(NA)	(NA)	(NA)	181	58	79
Portugal.....	252	430	310	145	155	112	506	534	417
Romania.....	4,676	6,427	5,800	60	39	65	12,425	11,153	11,200
South Africa.....	2,086	1,470	2,090	13	13	13	8,240	10,780	14,850
Soviet Union.....	90,207	98,185	1,88,000	2,394	2,791	1,2,400	8,373	9,454	8,000
Spain.....	4,101	5,849	3,356	421	433	441	2,205	2,208	2,151
Sri Lanka.....	(NA)	(NA)	(NA)	1,917	2,133	2,020	22	23	125
Sweden.....	1,030	1,193	1,034	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Switzerland.....	423	394	391	(NA)	(NA)	(NA)	134	91	117
Syria.....	1,319	2,226	2,086	(NA)	(NA)	(NA)	34	47	89
Thailand.....	(NA)	(NA)	(NA)	15,758	17,366	19,000	3,800	3,150	3,700
Turkey.....	17,569	16,554	17,040	363	234	280	1,350	1,240	1,100
United Kingdom.....	7,168	8,470	8,465	(NA)	(NA)	(NA)	1	1	1
Uruguay.....	430	307	400	248	290	326	71	119	196
Venezuela.....	1	1	1	653	712	708	848	662	496
Vietnam.....	(NA)	(NA)	(NA)	10,758	11,679	12,570	475	418	1,540
Yugoslavia.....	4,512	5,091	4,270	34	42	40	10,084	9,317	9,800

NA Not available. <sup>1</sup> FAO estimate. <sup>2</sup> Includes Luxembourg. <sup>3</sup> None or negligible.

Source: Food and Agriculture Organization of the United Nations, Rome, Italy, 1981 FAO Production Yearbook, vol. 35, (copyright).

**NO. 1528. WHEAT, RICE AND CORN—EXPORTS AND IMPORTS OF 10 LEADING COUNTRIES:  
1975 TO 1981**

[In thousands of metric tons. Countries listed are the ten leading exporters or importers in 1981]

LEADING EXPORTERS	EXPORTS			LEADING IMPORTERS	IMPORTS		
	1975	1980	1981		1975	1980	1981
<b>WHEAT</b>							
United States.....	30,967	35,756	49,809	Soviet Union.....	9,146	14,700	16,500
Canada.....	11,065	16,760	15,472	China: Mainland.....	3,893	12,255	13,038
France.....	6,281	9,889	12,785	Japan.....	5,654	5,682	5,633
Australia.....	7,860	14,876	10,552	Brazil.....	2,098	4,755	4,360
Argentina.....	1,758	4,495	3,758	Egypt.....	2,681	4,417	3,949
Soviet Union.....	2,681	1,270	1,600	Poland.....	1,477	3,466	3,448
United Kingdom.....	217	1,057	1,450	Italy.....	1,613	3,134	9,016
Hungary.....	952	814	1,298	Morocco.....	1,352	1,652	2,368
Netherlands.....	1,537	525	626	Iran.....	1,440	1,330	2,080
Spain.....	-	45	538	Korea, Rep. of.....	1,519	1,868	1,957
<b>RICE</b>							
Thailand.....	951	2,797	3,138	Korea, Rep. of.....	483	899	2,565
United States.....	2,139	3,054	3,133	Soviet Union.....	279	694	1,283
Pakistan.....	478	1,087	1,244	Nigeria.....	7	400	600
India.....	18	575	953	Indonesia.....	693	2,012	538
Japan.....	11	689	855	Iran.....	286	470	500
Burma.....	286	653	700	Saudi Arabia.....	59	356	427
China: Mainland.....	1,958	1,311	692	Hong Kong.....	344	359	360
Italy.....	439	577	572	Iraq.....	151	345	350
Korea, Dem. Peo. Rep.....	340	300	300	Malaysia.....	165	168	342
Australia.....	174	457	281	Senegal.....	102	279	321
<b>CORN</b>							
United States.....	33,503	63,152	54,856	Soviet Union.....	5,518	10,000	14,830
Argentina.....	3,887	3,491	9,112	Japan.....	7,470	12,830	13,590
South Africa.....	3,218	3,317	4,400	Spain.....	4,182	4,532	4,830
Thailand.....	2,072	2,175	2,549	China: Mainland.....	1,538	4,405	3,261
France.....	2,552	3,181	2,355	Korea, Rep. of.....	541	2,351	3,051
Belgium-Luxembourg.....	232	1,357	1,486	Mexico.....	2,637	3,713	2,844
Canada.....	17	771	1,207	Portugal.....	1,221	2,624	2,544
Romania.....	458	1,000	1,000	Netherlands.....	5,236	3,010	2,622
Netherlands.....	2,553	490	459	Belgium-Luxembourg.....	1,468	2,570	2,576
Yugoslavia.....	52	273	220	Italy.....	4,499	2,931	2,556

- Represents zero.

Source: U.S. Dept. of Agriculture, Economic Research Service. Data from Food and Agriculture Organization of the United Nations, Rome, Italy, *FAO Trade Yearbook*.

**NO. 1529. MEAT—PRODUCTION, BY COUNTRY: 1979 TO 1981**

(In thousands of metric tons. Covers beef and veal (incl. buffalo meat), pork (incl. bacon and ham), and mutton and lamb (incl. goat meat). Refers to meat from animals slaughtered within the national boundaries irrespective of origin of animals, and relates to commercial and farm slaughter. In terms of carcass weight. Excludes lard, tallow, and edible offals. See text, p. 854, for general comments concerning the data)

COUNTRY	1979	1980	1981 (est.)	COUNTRY	1979	1980	1981 (est.)
World, total.....	107,906	109,528	110,079	India.....	628	654	688
United States.....	17,066	17,680	17,703	Indonesia.....	306	316	326
Argentina.....	3,486	3,267	3,377	Iran.....	446	459	477
Australia.....	1,2,708	1,2,332	1,2,303	Italy.....	2,207	2,305	2,299
Belgium <sup>2</sup> .....	952	995	1,004	Japan.....	1,832	1,893	1,866
Brazil.....	3,066	3,135	3,282	Kenya.....	232	234	253
Canada.....	1,700	1,852	1,886	Mexico.....	1,015	1,127	1,127
China: Mainland.....	18,451	19,364	19,512	Netherlands.....	1,528	1,565	1,651
Czechoslovakia.....	1,183	1,210	1,227	Nigeria.....	447	459	471
Denmark.....	1,153	1,218	1,236	Pakistan.....	628	657	689
France.....	3,840	3,880	3,907	Poland.....	2,549	2,433	1,865
German Dem. Rep.....	1,549	1,612	1,741	Romania.....	1,346	1,359	1,387
Germany, Fed. Rep. of	4,194	4,283	4,251	Soviet Union.....	13,218	12,619	12,797
Hungary.....	1,029	1,065	1,052	Spain.....	1,465	1,545	1,580
				United Kingdom.....	2,222	2,310	2,233
				Yugoslavia.....	1,145	1,103	1,135

<sup>1</sup> Year ending June 30. <sup>2</sup> Includes Luxembourg.

Source: Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook*. (Copyright.)

**No. 1530. FOREIGN TRADE AND TRANSPORTATION—SHIPPING, RAILWAYS, AVIATION, AND MOTOR VEHICLES, BY COUNTRY**

[See text, p. 854, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source.]

COUNTRY	FOREIGN TRADE, <sup>1</sup> 1982		SHIPPING		RAIL TRAFFIC, <sup>4</sup> 1982		Civil aviation, kilometers flown, <sup>5</sup> 1980 (mil.)	Motor vehicles in use, <sup>6</sup> 1980 (1,000)	
	Imports (mil. dol.)	Exports (mil. dol.)	Merchant shipping fleets, <sup>2</sup> 1982 (1,000 gross tons)	Freight, <sup>3</sup> 1978 (mil. metric tons)		Passenger-kilometers (mil.)	Freight, net-ton kilometers (mil.)		
				Loaded	Unloaded				
<b>World, total.....</b>	<b>7,191,490</b>	<b>7,189,140</b>	<b>424,742</b>	(NA)	(NA)	(NA)	(NA)	<b>8,9440</b>	
United States.....	9,10 254,884	9,10 212,275	11 19,111	12 13 14 275.0	12 13 14 549.3	15 16 17,695	15 16 1,341,717	4,413.4	
Algeria.....	15 10,811	15 13,656	1,385	49.8	13.5	17 1,506	18 2,016	27.9	
Angola.....	20 680	20 666	90	21 10.0	21 4.0	21 418	21 5,461	8.4	
Argentina.....	24 9,495	24 9,151	2,256	25 23.4	8.4	10,153	11,472	93.8	
Australia.....	26 24,122	21,994	1,875	27 166.3	27 26.7	(NA)	24 27 36,466	16 23 28 6,927	
Austria.....	19,557	15,685	101	(NA)	(NA)	24 7,246	24 10,318	22.0	
Belgium.....	20 58,052	20 52,394	2,271	31 32 37.7	31 32 58.7	6,879	6,774	54.8	
Brazil.....	24 24,052	24 22,743	5,678	25 87.5	25 65.8	24 13,132	24 35 79,269	203.4	
Bulgaria.....	15 20 9,650	15 10,372	1,248	3.5	15.7	33 7,092	33 18,276	12.7	
Canada.....	20 54,824	66,393	11 3,213	13 116.5	13 81.8	32 1,608	32 200,544	23 13,211	
Chile.....	3,831	3,822	495	25 31 12.2	25 31 8.5	1,506	1,773	24.7	
China:									
Mainland.....	24 21,566	24 21,560	8,057	(NA)	(NA)	24 146,987	24 570,134	46.5	
Taiwan <sup>24 34</sup> .....	21,200	22,611	1,870	11.3	48.6	7,947	2,393	35.0	
Colombia.....	24 5,181	24 3,190	314	26 2.7	26 4.0	24 230	24 32 625	44.8	
Cuba.....	16 6,223	15 5,475	949	8.5	14.4	2,073	2,550	14.7	
Czechoslovakia.....	20 18,724	18,443	185	(NA)	(NA)	19,043	71,585	24.7	
Denmark.....	16,859	15,280	5,214	6.2	34.5	24 37 4,003	24 37 38 1,574	33.0	
Dominican Republic.....	10 26 1,248	10 768	95	39 2.7	3.1	(NA)	(NA)	130	
Ecuador.....	16 2,253	16 2,481	354	17 28 9.4	17 28 3.8	20 69	20 29	16 176	
Egypt.....	7,755	3,120	636	31 6.9	12.4	15 10,995	20 2,472	30.5	
Finland.....	13,380	13,129	2,377	15.6	25.7	3,326	8,000	35.5	
France.....	115,743	92,756	10,771	17 34.8	17 183.9	56,854	40 60,554	276.3	
German Dem. Rep.....	15 26 19,082	15 17,312	1,439	17 3.5	17 11.9	24,785	63,009	(NA)	
Germany, Fed. Rep. of.....	41 155,856	41 176,428	7,707	14 35.0	14 104.5	36,828	57,264	186.2	
Ghana.....	24 1,106	24 1,063	257	42 2.3	42 3.1	43 431	45 405	4.3	
Greece.....	24 8,677	24 4,292	40,035	16.0	27.2	1,501	44 586	1,283	
Hong Kong.....	23,576	21,007	3,499	14 6.9	14 20.9	407	60	(NA)	
Hungary.....	8,825	8,795	82	(NA)	(NA)	11,871	22,725	16.2	
India.....	24 15,083	24 8,074	6,214	32 45 31.0	32 45 29.3	24 45 220,787	24 45 164,253	20 23 1,734	
Indonesia.....	24 13,271	24 22,260	1,847	25 31 101.3	25 13.3	6,293	885	88.4	
Iran.....	15 12,250	15 14,291	1,313	39 40 220.3	39 40 14.5	24 2,526	24 3,861	15.6	
Iraq.....	18 4,213	18 11,061	1,521	42 36.0	17 4.1	42 45 797	42 45 2,254	12.6	
Ireland.....	9,707	8,064	239	(NA)	(NA)	887	670	21.9	
Israel.....	24 7,801	5,543	676	47 5.2	47 5.7	221	827	30.2	
Italy.....	86,213	73,490	10,375	43.7	224.0	40,224	16,835	139.2	
Ivory Coast.....	24 2,384	24 2,537	152	48 4.0	5.5	888	33 612	2.8	
Jamaica.....	1,470	820	(NA)	5.4	42 2.6	17 83	17 186	13.5	
Japan.....	131,930	138,911	41,594	81.1	557.8	314,940	31,320	364.8	
Korea, Rep. of.....	48 24,319	19,681	5,529	16.0	61.8	24 21,528	10,716	60.7	
Kuwait.....	24 6,948	24 16,339	2,014	42 50 103.5	42 50 1.9	(NA)	(NA)	19.5	
Lebanon.....	17 1,701	17 456	368	21 25.8	21 4.4	21 2	21 42	21 244	
Liberia.....	24 477	24 531	70,718	42 20.5	42 1.3	(NA)	(NA)	18 16	
Libya.....	24 8,382	24 15,576	912	17 92.9	42 8.5	(NA)	11.7	19 394	
Malaysia.....	24 13,132	24 12,884	1,195	14 48 9.5	14 48 13.5	51 52 1,615	51 52 1,091	18 750	
Mexico.....	24 53 24,161	24 53 20,041	1,252	22.5	11.7	5,316	37,600	157.5	
Morocco.....	24 4,356	24 2,320	394	20.6	9.9	24 1,197	24 3,987	5,828	
Netherlands.....	62,584	66,321	5,393	73.0	246.5	9,376	2,687	108.0	
New Zealand.....	5,747	5,518	250	65 10.3	65 9.7	37 396	37 3,265	52.1	
Nigeria.....	20 10,991	20 17,331	463	14 31 101.2	31 5.0	21 46 785	59 46 972	18 181	

See footnotes at end of table.

**NO. 1530. FOREIGN TRADE AND TRANSPORTATION—SHIPPING, RAILWAYS, AVIATION, AND MOTOR VEHICLES, BY COUNTRY—Continued**

[See text, p. 854, for general comments about the data. Statistical coverage of all these items varies considerably among countries; for details, see source]

COUNTRY	FOREIGN TRADE, <sup>1</sup> 1982		SHIPPING		RAIL TRAFFIC, <sup>4</sup> 1982		Civil aviation, kilometers flown, <sup>5</sup> 1980 (mil.)	Motor vehicles in use, <sup>3</sup> 1980 (1,000)	
	Imports (mil. dol.)	Exports (mil. dol.)	Merchant shipping fleets, <sup>2</sup> 1982 (1,000 gross tons)	Freight, <sup>3</sup> 1978 (mil. metric tons)		Passenger-kilometers (mil.)	Freight, net-ton kilometers (mil.)		
				Loaded	Unloaded				
Norway.....	15,487	17,587	21,862	<sup>25</sup> 35.3	<sup>26</sup> 21.2	2,242	2,479	58.1	
Pakistan.....	5,376	580	27.2	27.8	27.8.9	<sup>57</sup> 16,325	<sup>57</sup> 6,931	<sup>25</sup> 291	
Panama.....	24 1,540	<sup>24</sup> 315	32,600	1.3	2.9	(NA)	(NA)	6.6	
Peru.....	24 3,803	<sup>24</sup> 3,255	836	<sup>26</sup> 10.3	<sup>26</sup> 2.7	17,651	17,812	131	
Philippines.....	24 7,946	<sup>24</sup> 5,722	2,774	14.1	20.6	284	21	17 187	
Poland.....	24 9,655	<sup>24</sup> 10,552	3,651	14 32 38.8	<sup>14</sup> 32 27.2	49,266	112,889	35.1	
Portugal.....	24 9,799	<sup>24</sup> 4,147	1,402	4.5	14.6	5,412	1,056	18 2,441	
Romania.....	24 26 12,458	<sup>24</sup> 12,610	2,203	<sup>47</sup> 58 4.3	<sup>58</sup> 4.9	<sup>24</sup> 30 24,378	<sup>24</sup> 30 75,251	39.2	
Saudi Arabia.....	24 35,244	<sup>24</sup> 120,240	4,302	<sup>42</sup> 60 410.3	<sup>42</sup> 60 9.3	<sup>21</sup> 72	<sup>21</sup> 66	18 1,530	
Singapore.....	60 28,056	<sup>60</sup> 20,788	7,183	29.0	45.6	(NA)	(NA)	18 824	
South Africa.....	24 26 18,553	<sup>24</sup> 12,502	776	<sup>52</sup> 47.2	<sup>47</sup> 1.8	(NA)	<sup>25</sup> 37 61 96,768	67.3	
Soviet Union.....	24 26 72,980	<sup>24</sup> 79,003	23,789	<sup>25</sup> 150.9	<sup>25</sup> 43.5	11,508	67,126	(NA)	
Spain.....	31,535	20,522	8,131	<sup>42</sup> 23.8	<sup>42</sup> 84.2	14,703	10,036	8,937	
Sri Lanka.....	24 1,803	<sup>24</sup> 1,036	125	1.3	4.3	<sup>52</sup> 3,121	<sup>52</sup> 217	18 23 161	
Sweden.....	27,516	26,794	3,788	34.2	48.5	6,550	14,250	<sup>18</sup> 23 3,019	
Switzerland.....	28,670	26,024	315	(NA)	(NA)	8,984	6,504	97.8	
Syria.....	24 4,119	<sup>24</sup> 2,108	43	<sup>17</sup> 8.6	<sup>17</sup> 7.7	408	708	18 147	
Thailand.....	8,544	6,853	442	15.3	17.0	<sup>62</sup> 9,231	<sup>62</sup> 2,421	41.8	
Trinidad and Tobago.....	24 3,115	<sup>24</sup> 3,725	(NA)	<sup>17</sup> 20.8	<sup>17</sup> 14.9	(NA)	(NA)	16.1	
Tunisia.....	3,287	1,959	136	5.5	6.0	<sup>15</sup> 44 864	<sup>15</sup> 33 1,698	13.6	
Turkey.....	24 8,911	<sup>24</sup> 4,703	2,128	<sup>17</sup> 6.7	<sup>17</sup> 20.5	5,436	6,012	14.5	
United Kingdom.....	99,654	96,994	22,505	80.1	152.8	27,780	<sup>40</sup> 15,876	<sup>40</sup> 426.3	
Uruguay.....	24 1,599	<sup>24</sup> 1,215	202	.4	1.5	<sup>24</sup> 339	<sup>24</sup> 205	4.3	
Venezuela.....	24 26 11,807	<sup>24</sup> 20,859	911	<sup>22</sup> 25 189.9	<sup>25</sup> 8.6	19	29	17 1,665	
Yugoslavia.....	24 15,817	<sup>24</sup> 10,929	2,532	4.5	18.2	10,824	<sup>33</sup> 25,812	34.8	
Zaire.....	24 672	<sup>24</sup> 662	92	<sup>42</sup> 5	<sup>42</sup> 7	<sup>42</sup> 467	<sup>42</sup> 2,203	21 161	
Zambia.....	24 26 1,047	<sup>24</sup> 1,056	(NA)	(NA)	(NA)	(NA)	(NA)	10.5	

NA Not available. <sup>1</sup> Covers merchandise, including silver (except current coin); excludes gold and issued paper currency. Imports generally valued c.i.f. (cost, insurance, and freight); exports, f.o.b. (free on board). Generally includes government trade (including foreign aid, war reparations, and military goods), trade of foreign concessionaires, and postal trade. See source for "general trade" or "special trade" distinctions. Roughly half the countries shown fall into each category, thus affecting comparability.

<sup>2</sup> As of June 30. Represents gross registered tons (see text, p. 632). Excludes vessels without mechanical means of propulsion; includes sailing vessels with auxiliary power. Estimated. <sup>3</sup> Represents weight of all goods (including their packing) in external trade loaded to and unloaded from seagoing vessels of all flags at ports of country specified. For most countries, excludes bunkers, ships' stores, ballast, and transhipment (goods transshipped from an importing vessel to an exporting vessel). Estimated. <sup>4</sup> Relates to domestic and international traffic on all railway lines within each country shown, excluding railways entirely within an urban unit and plantation, industrial mining, funicular, and cable railways. In general, passenger-kilometers include all passengers except military, government, and railway personnel when carried without revenue; ton-kilometers relate to freight net ton-kilometers and include all goods whether carried by fast or ordinary trains except service traffic, mail, baggage, and nonrevenue governmental stores. <sup>5</sup> Covers both domestic and international scheduled services operated by companies registered in each country. Includes supplementary services occasioned by overflow traffic on regularly scheduled trips and preparatory flights for new scheduled services. <sup>6</sup> Represents officially estimated number of vehicles in use in USA. Includes passenger cars and commercial vehicles. For most countries shown, excludes 2- and 3-wheeled cycles and motorcycles, trams, trolley buses, ambulances, hearses, military vehicles, police and special purpose or government security vehicles, trailers, and farm tractors. Estimated. <sup>7</sup> Includes trade between the Federal Republic of Germany and German Democratic Republic. <sup>8</sup> Excludes Soviet Union. <sup>9</sup> Excludes shipments of merchandise between the U.S. and its possessions (Guam, American Samoa, U.S. Virgin Islands, etc.). <sup>10</sup> Excludes non-monetary gold. <sup>11</sup> Includes the Great Lakes. <sup>12</sup> Excludes traffic with U.S. Virgin Islands. <sup>13</sup> Includes Great Lakes and St. Lawrence River international traffic. <sup>14</sup> Includes transhipments. <sup>15</sup> For 1980. <sup>16</sup> Class I railways only. <sup>17</sup> For 1977. <sup>18</sup> For 1978. <sup>19</sup> For 1975. <sup>20</sup> For 1979. <sup>21</sup> For 1974. <sup>22</sup> For 1973. <sup>23</sup> Includes vehicles operated by police or other government security organizations. <sup>24</sup> For 1981. <sup>25</sup> Excludes transit traffic and packing. <sup>26</sup> Imports f.o.b. <sup>27</sup> Year ending June 30.

<sup>28</sup> Includes special purpose vehicles. <sup>29</sup> Includes farm tractors. <sup>30</sup> Includes Luxembourg. <sup>31</sup> Includes ships' stores. <sup>32</sup> Includes bunkers. <sup>33</sup> Includes service traffic. <sup>34</sup> Source: U.S. Bureau of the Census. Data from Republic of China publications. <sup>35</sup> Includes vehicles no longer in circulation. <sup>36</sup> Passenger cars only. <sup>37</sup> Year ending Mar. 31. <sup>38</sup> Includes passengers' baggage and parcel post. <sup>39</sup> Includes goods imported and exported other than by sea. <sup>40</sup> Includes passengers' baggage. <sup>41</sup> Excludes trade with German Democratic Rep. <sup>42</sup> For 1976. <sup>43</sup> For 1972. <sup>44</sup> Includes military traffic. <sup>45</sup> Year beginning Apr. 1. <sup>46</sup> Year beginning Mar. 21. <sup>47</sup> Excludes petroleum. <sup>48</sup> Includes coastwise traffic.

<sup>49</sup> Includes imports of foreign aid. <sup>50</sup> Includes petroleum from neutral zone. <sup>51</sup> Excludes silver. <sup>52</sup> West Malaysia only. <sup>53</sup> Data for Singapore included in Malaysia. <sup>54</sup> Includes data for airlines based in the Netherlands and dependencies. <sup>55</sup> Million manifest tons. <sup>56</sup> Includes ambulances. <sup>57</sup> Year beginning July 1. <sup>58</sup> For 1970. <sup>59</sup> Commercial vehicles only. <sup>60</sup> Excludes transhipments to and from West Malaysia. <sup>61</sup> Includes Namibia. <sup>62</sup> Year ending Sept. 30. <sup>63</sup> Includes data for airlines based in the United Kingdom territories and dependencies.

Source: Except as noted, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright).

## No. 1531. COMMUNICATIONS—TELEPHONES, NEWSPAPERS, TELEVISION, AND RADIO, BY COUNTRY

[See text, p. 854, for general comments about the data. For additional data qualifications for countries, see source.]

COUNTRY	TELEPHONES, <sup>1</sup> 1980		DAILY NEWSPAPERS, <sup>2</sup> 1979		TELEVISION RECEIVERS, <sup>3</sup> 1980		RADIO RECEIVERS, <sup>4</sup> 1980		
	Number in use (1,000)	Per 100 population	Number	Circulation		Number (1,000)	Per 1,000 population	Number (1,000)	Per 1,000 population
				Total (1,000)	Copies per 1,000 population				
<b>World, total</b>	<b>508,286</b>	<b>11.5</b>	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
United States	180,424	78.8	1,787	62,223	282	142,000	624	477,800	2,099
Algeria	485	2.5	4	425	22	975	52	3,230	174
Argentina	2,588	9.3	133	5,256	(NA)	5,140	190	6,900	8379
Australia	7,153	48.9	63	4,851	336	5,525	378	15,000	1,026
Austria	3,010	40.1	31	2,634	351	2,225	296	3,322	7443
Bangladesh	8 104	8 1	30	404	5	80	1	710	8
Belgium	3,636	36.9	26	2,242	228	7 3,500	7 395	7 4,500	7 457
Bolivia	8 49	8 9	14	214	39	300	54	500	89
Brazil	7,496	6.3	8 328	5 5,094	5 44	15,000	122	35,000	284
Bulgaria	1,255	14.1	12	2,093	234	7 1,652	7 186	7 10 2,149	7 10 242
Burma	8 37	8 1	7	329	10	(NA)	11 22	700	20
Canada	16,531	68.6	126	5,700	241	11,280	471	26,551	1,109
Chile	551	5.0	37	945	87	1,225	110	3,250	293
China:									
Mainland	4,355	.4	(NA)	(NA)	(NA)	4,000	4	55,000	57
Taiwan	3,166	17.9	31	(NA)	(NA)	(NA)	18 90	(NA)	226
Colombia	1,718	6.4	38	13 1,273	13 48	2,250	83	3,010	111
Costa Rica	236	10.7	4	155	70	162	72	180	80
Cuba	8 362	8 3.7	9	891	91	1,273	129	2,914	295
Cyprus	113	17.9	12	14 67	(NA)	7 150	7 298	313	498
Czechoslovakia	3,150	20.6	30	4,641	304	7 4,292	7 280	7 4,432	7 289
Denmark	3,283	64.1	49	1,876	357	7 1,886	7 368	7 1,950	7 381
Dominican Republic	165	2.9	7	220	42	385	71	220	41
Ecuador	272	3.3	38	400	49	500	60	2,650	317
Egypt	534	1.2	9	12 2,475	(NA)	1,400	33	6,000	143
El Salvador	86	1.9	12	14 334	(NA)	300	62	1,550	322
Ethiopia	86	.3	5	52	2	30	1	250	8
Finland	2,374	49.6	62	2,289	480	8 1,780	8 374	4,000	837
France	24,686	45.9	11 96	10,863	11 205	19,000	254	48,050	895
German Dem. Rep.	3,156	18.9	39	8,658	517	7 5,731	7 342	7 6,409	7 383
Germany, Fed. Rep. of	28,554	46.4	11 412	11 25,968	11 423	7 20,762	7 337	7 22,750	7 370
Ghana	8 67	8 7	5	5 10 345	5 10 31	57	5	1,670	163
Greece	2,796	28.9	116	(NA)	(NA)	7 1,500	7 156	3,310	346
Guatemala	11 71	11 1.2	9	7 91	(NA)	175	24	289	40
Honduras	8 27	8 8	7	223	63	49	13	176	48
Hong Kong	1,676	32.6	41	(NA)	(NA)	1,114	220	2,550	503
Hungary	1,261	11.8	27	2,585	242	7 2,766	7 258	2,700	252
Iceland	109	47.7	6	127	557	7 63	7 275	7 140	7 614
India	8 2,424	8 4	1,087	13,033	20	7 1,150	7 12	7 30,000	7 45
Indonesia	487	.3	12 178	12 2,358	(NA)	1,405	9	6,200	41
Iran	1,227	3.2	12 23	12 473	(NA)	2,085	56	7 2,050	7 62
Iraq	11 320	11 2.6	5	10 325	(NA)	650	50	2,000	153
Ireland	650	18.7	7	770	229	8 757	8 225	8 1,250	8 371
Israel	1,130	29.3	12 24	12 801	12 231	7 581	7 150	802	207
Italy	19,277	33.7	75	5,308	93	22,000	386	7 13,781	7 242
Jamaica	119	6.0	3	128	59	167	76	719	326
Japan	53,634	46.0	178	65,880	569	62,976	539	79,200	678
Kampuchea	(NA)	(NA)	12 17	(NA)	(NA)	18 30	18 4	18 110	18 14
Kenya	192	2.1	3	156	10	65	4	540	33
Korea, Republic of	8 2,898	8 7.7	29	11 19 6,496	11 19 197	7 6,280	7 164	15,000	393
Kuwait	215	15.9	7	11 180	11 159	542	400	525	387
Lebanon	8 192	8 6.8	251	(NA)	(NA)	750	237	2,000	633
Luxembourg	8 199	8 54.7	51	1,301	358	8 89	8 245	8 186	8 512
Madagascar	8 37	8 4	8 12	(NA)	(NA)	8 45	5	1,700	194
Malaysia	598	4.5	44	20 1,796	(NA)	8 850	8 64	2,000	149
Mexico	4,992	7.2	11 352	11 3,994	(NA)	7,500	104	20,500	285
Morocco	231	1.2	9	15 230	(NA)	7 749	7 37	3,000	148
Netherlands	7,230	50.9	80	4,553	325	7 4,181	7 296	7 4,376	7 309
New Zealand	1,730	55.0	37	1,067	345	862	278	2,755	889
Nigeria	11 128	11 2	15	11 527	(NA)	450	6	5,600	73

See footnotes at end of table.

**NO. 1531. COMMUNICATIONS—TELEPHONES, NEWSPAPERS, TELEVISION, AND RADIO, BY COUNTRY—  
Con.**

[See text, p. 854, for general comments about the data. For additional data qualifications for countries, see source]

COUNTRY	TELEPHONES, <sup>1</sup> 1980		DAILY NEWSPAPERS, <sup>2</sup> 1979		TELEVISION RECEIVERS, <sup>3</sup> 1980		RADIO RECEIVERS, <sup>4</sup> 1980		
	Number in use (1,000)	Per 100 popula- tion	Num- ber	Circulation		Number (1,000)	Per 1,000 popula- tion	Number (1,000)	Per 1,000 popula- tion
				Total (1,000)	Copies per 1,000 popula- tion				
Norway .....	1,852	45.2	83	1,859	456	7 1,195	7 292	1,835	327
Pakistan.....	367	.4	119	1,094	14	800	.10	5,500	67
Panama .....	173	9.5	6	148	79	220	120	285	155
Paraguay .....	59	1.8	5	16 68	(NA)	60	20	190	62
Peru .....	475	2.7	59	11 828	11 51	850	48	2,750	155
Philippines.....	702	1.5	19	21 972	(NA)	1,000	21	2,100	43
Poland .....	3,357	9.5	44	8,433	237	7 7,853	7 224	8 10,500	295
Portugal .....	1,372	13.8	22	492	50	1,400	141	1,576	159
Puerto Rico .....	631	20.3	4	475	139	800	233	2,000	582
Romania.....	18 1,196	18 5.6	35	3,998	181	7 3,714	7 167	3,205	7 144
Saudi Arabia .....	443	5.3	12	11 143	(NA)	2,100	251	2,500	298
Singapore .....	702	29.1	11	587	249	7 397	7 168	7 459	7 192
South Africa.....	2,652	11.2	11 24	11 1,728	11 86	2,000	68	8,000	273
Soviet Union.....	22 23,707	22 8.9	11 686	11 102,452	11 395	8 80,000	8 303	130,000	490
Spain.....	11,945	31.5	105	11 4,710	11 128	9,424	252	9,600	256
Sri Lanka.....	84	.6	22	(NA)	(NA)	35	2	1,454	89
Sudan.....	65	.3	3	18	1	105	6	1,330	71
Sweden .....	6,621	79.6	112	4,359	526	7 3,185	7 381	7 18 3,140	7 18 383
Switzerland .....	4,632	72.7	88	2,501	395	7 2,000	7 314	7 2,300	7 361
Syria.....	287	3.2	6	104	12	385	43	6 1,367	6 218
Thailand.....	497	1.1	18	22 1,943	(NA)	810	17	5,910	125
Trinidad and Tobago.....	577	6.8	4	193	171	210	184	300	253
Tunisia .....	189	3.0	5	271	44	300	47	1,000	157
Turkey.....	1,902	4.2	24 1,115	24 3,880	(NA)	7 3,348	7 75	7 4,284	7 85
United Kingdom .....	26,651	47.7	120	26 25,221	(NA)	22,600	404	53,000	947
Uruguay .....	287	9.9	28	(NA)	(NA)	363	125	1,630	562
Venezuela.....	8 789	8 5.8	69	2,383	176	1,710	123	5,350	365
Vietnam .....	9 28 47	9 28 3	3	27 500	(NA)	(NA)	(NA)	(NA)	(NA)
Yugoslavia .....	2,139	9.5	27	2,282	103	7 4,300	7 192	7 4,635	7 207
Zimbabwe.....	6 214	8 2.8	2	111	16	76	10	315	43

NA Not available. <sup>1</sup> Comprises public and private telephones installed which can be connected to a central exchange.

<sup>2</sup> Publications containing general news and appearing at least 4 times a week; may range in size from a single sheet to 50 or more pages. Circulation data refer to average circulation per issue or number of printed copies per issue and include copies sold outside the country. <sup>3</sup> Estimated number of sets in use, except as noted. <sup>4</sup> Data cover estimated number of receivers in use, except as noted, and apply to all types of receivers for radio broadcasts to the public, including receivers connected to a radio "redistribution system" but excluding television sets. <sup>5</sup> For 1978. <sup>6</sup> For 1970. <sup>7</sup> Number of licenses issued. <sup>8</sup> For 1979. <sup>9</sup> For 1973. <sup>10</sup> Excludes licenses for receivers connected by wire to a redistribution system. <sup>11</sup> For 1977.

<sup>12</sup> For 1976. <sup>13</sup> 33 dailies. <sup>14</sup> 8 dailies. <sup>15</sup> 8 dailies. <sup>16</sup> 4 dailies. <sup>17</sup> 3 dailies. <sup>18</sup> For 1975. <sup>19</sup> 26 dailies.

<sup>20</sup> 32 dailies. <sup>21</sup> 18 dailies. <sup>22</sup> Excludes telephone systems of the military forces. <sup>23</sup> 17 dailies. <sup>24</sup> Data include non-daily newspapers. <sup>25</sup> 117 dailies. <sup>26</sup> Date are for former Rep. of South Vietnam. <sup>27</sup> 2 dailies.

Source: Except Taiwan, Statistical Office of the United Nations, New York, N.Y., *Statistical Yearbook* (copyright), and United Nations Educational, Scientific, and Cultural Organization, Paris, France, *Statistical Yearbook* (copyright); Taiwan, U.S. Bureau of the Census. Data from Republic of China publications.

## NO. 1532. MILITARY EXPENDITURES IN CURRENT AND CONSTANT (1979) DOLLARS: 1971 TO 1980

[In millions of dollars, except as indicated. See also table 563. Data for expenditures and for GNP were based on local currencies which were deflated to constant 1979 local currency values before conversion to U.S. dollar equivalents. In general, the rates used for conversion are the 1979 average par/market exchange rates as supplied by IBRD (International Bank for Reconstruction and Development). See also headnote, table 1533.]

COUNTRY	CURRENT DOLLARS					CONSTANT (1979) DOLLARS				Per capita (dollars)		Percent of GNP <sup>1</sup>		
	1971	1975	1978	1979	1980	1971	1975	1980	1971	1980	1971	1980	1971	1980
									1971	1980	1971	1980	1971	1980
United States.....	74,862	90,948	108,357	122,279	143,981	128,054	117,856	130,535	618	573	7.0	5.5		
Algeria.....	198	404	647	737	796	338	524	721	23	38	1.9	2.2		
Argentina.....	695	1,712	2,545	2,641	2,894	1,189	2,218	2,624	49	94	1.4	2.4		
Australia.....	1,801	1,942	2,633	2,836	3,279	3,081	2,517	2,973	238	203	3.1	2.3		
Austria.....	298	521	724	833	913	511	676	827	68	110	1.0	1.2		
Belgium.....	1,435	2,300	3,203	3,631	4,174	2,454	2,981	3,785	253	382	2.9	3.4		
Brazil.....	948	2,467	1,716	1,647	2,308	1,623	3,197	2,092	18	17	1.5	.9		
Bulgaria.....	1,246	2,021	2,390	2,547	3,743	2,131	2,618	3,393	250	381	9.8	12.4		
Canada.....	2,145	2,830	4,023	4,120	4,520	3,669	3,868	4,098	169	170	2.3	1.9		
Chile.....	235	535	470	506	567	402	694	514	42	46	2.4	2.4		
China:														
Mainland.....	21,500	31,500	38,500	44,500	47,000	36,776	40,819	42,611	42	41	13.5	8.5		
Taiwan.....	912	1,183	2,086	(NA)	(NA)	1,560	1,533	(NA)	104	(NA)	10.0	(NA)		
Cuba.....	239	393	1,040	1,160	1,140	408	509	1,033	47	107	5.2	(NA)		
Czechoslovakia.....	2,860	4,243	5,095	5,396	6,122	4,928	5,498	5,550	342	362	5.3	4.9		
Denmark.....	738	1,072	1,359	1,518	1,732	1,263	1,389	1,570	252	307	2.4	2.5		
Egypt.....	811	1,929	2,044	1,984	1,362	1,387	2,500	1,235	41	29	12.9	6.0		
El Salvador.....	17	30	50	51	85	29	39	77	7	16	1.1	2.5		
Finland.....	278	423	494	598	781	475	548	708	103	147	1.5	1.7		
France.....	9,916	14,526	19,925	22,439	25,552	18,963	18,823	23,188	330	431	4.0	4.0		
German Dem. Rep. ....	3,420	5,222	6,592	7,190	8,314	5,850	6,767	7,537	342	451	5.6	5.7		
Germany, Fed. Rep. ....	11,973	18,132	22,267	24,776	27,721	20,310	23,495	25,132	311	409	3.4	3.3		
Greece.....	732	1,670	2,300	2,424	2,432	1,253	2,164	2,205	142	229	4.6	5.4		
Hungary.....	1,333	1,826	2,062	2,138	2,542	2,280	2,366	2,304	219	215	5.3	4.4		
India.....	2,181	3,105	3,812	4,155	4,521	3,731	4,024	4,098	6	5	3.5	2.8		
Indonesia.....	560	1,080	2,293	1,784	1,594	988	1,399	1,445	7	9	3.5	2.8		
Iran.....	2,644	9,128	11,342	(NA)	(NA)	4,524	11,828	(NA)	152	(NA)	8.4	(NA)		
Iraq.....	762	1,555	2,148	2,671	(NA)	1,303	2,015	(NA)	133	(NA)	12.3	(NA)		
Israel.....	1,492	3,502	3,409	4,814	5,051	2,553	4,538	4,579	823	1,205	22.7	29.1		
Italy.....	3,937	5,277	5,762	7,784	8,937	6,736	6,838	8,103	124	142	2.7	2.4		
Japan.....	3,179	5,485	8,091	9,557	10,885	5,438	7,108	9,868	51	84	.8	.9		
Korea, Dem. Peo. Rep. ....	758	1,080	1,310	1,320	1,300	1,296	1,389	1,178	88	61	18.0	8.2		
Korea, Rep. of.....	719	1,461	3,262	3,385	3,846	1,228	1,883	3,486	36	87	4.3	6.2		
Kuwait.....	185	731	1,078	1,181	1,315	317	948	1,192	386	851	4.8	4.2		
Malaysia.....	200	531	666	778	1,110	343	688	1,006	30	71	3.2	4.8		
Mexico.....	314	648	490	518	527	537	840	588	10	8	.7	.4		
Morocco.....	156	448	815	886	1,142	267	581	1,035	16	49	2.5	6.1		
Netherlands.....	2,461	3,650	4,593	5,037	5,472	4,210	4,730	4,981	318	351	3.4	3.2		
Nicaragua.....	16	31	40	40	49	28	40	44	14	17	1.7	2.7		
Nigeria.....	1,135	1,571	2,049	1,860	2,266	1,942	2,036	2,055	33	25	4.3	2.6		
Norway.....	645	966	1,346	1,453	1,558	1,103	1,252	1,412	283	344	3.4	3.0		
Oman.....	46	698	768	779	1,179	79	905	1,069	114	1,188	15.8	24.6		
Pakistan.....	530	793	976	1,054	1,265	906	1,028	1,146	13	13	6.4	5.0		
Peru.....	193	429	651	464	900	330	557	816	23	46	2.9	5.7		
Philippines.....	113	550	512	643	808	193	712	732	5	14	1.1	2.4		
Poland.....	4,267	6,461	8,102	8,707	9,546	7,298	8,372	8,654	222	243	5.9	5.4		
Portugal.....	611	681	627	702	852	1,045	683	773	116	78	6.8	3.7		
Qatar.....	( <sup>a</sup> )	124	264	458	555	( <sup>a</sup> )	160	503	( <sup>a</sup> )	2,515	( <sup>a</sup> )	8.4		
Romania.....	1,821	2,850	3,465	3,626	3,757	3,114	3,693	3,406	151	153	5.8	4.4		
Saudi Arabia.....	573	6,519	10,751	13,831	16,740	981	8,448	15,178	153	1,631	10.1	14.4		
Singapore.....	214	250	407	457	620	366	325	562	174	234	7.8	5.7		
South Africa.....	620	1,457	1,943	2,205	2,043	1,060	1,888	1,852	46	75	2.5	3.2		
Soviet Union.....	82,400	128,100	165,700	183,000	207,400	140,948	165,999	168,032	575	708	14.4	14.6		
Spain.....	2,519	3,685	2,999	3,272	3,656	4,309	4,775	3,314	128	88	3.0	1.7		
Sweden.....	1,984	2,675	3,154	3,387	3,710	3,394	3,465	3,363	419	405	3.7	3.1		
Switzerland.....	1,165	1,425	1,788	2,053	2,284	1,994	1,847	2,071	316	323	2.1	2.0		
Syria.....	295	1,014	1,273	1,577	2,205	402	1,314	1,869	62	227	8.3	10.1		
Thailand.....	327	410	737	942	1,000	560	531	907	14	19	3.6	3.2		
Turkey.....	1,224	2,712	3,555	3,155	3,546	2,093	3,515	3,215	57	69	4.4	4.5		
United Arab Emirates.....	( <sup>a</sup> )	32	791	1,151	1,658	( <sup>a</sup> )	42	1,503	( <sup>a</sup> )	1,503	( <sup>a</sup> )	6.4		
United Kingdom.....	9,917	14,260	17,473	19,168	22,889	16,953	18,479	20,752	304	370	4.9	5.1		
Venezuela.....	415	619	723	638	671	710	803	608	64	35	2.3	1.2		
Yugoslavia.....	991	2,104	2,539	2,963	3,484	1,695	2,726	3,158	82	141	4.1	4.8		

NA Not available.

<sup>1</sup> Military expenditure as percent of gross national product. For additional information on comparisons between communist and noncommunist countries, see footnote 4, table 563.<sup>2</sup> Pre-independence.Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

## NO. 1533. ARMED FORCES PERSONNEL—NUMBER AND RATE, BY COUNTRY: 1971 TO 1980

(Personnel data as of July. Armed Forces refer to active-duty military personnel, including paramilitary forces where those forces resemble regular units in their organization, equipment, training, or mission. Reserve forces are not included. Countries which became independent during period shown are normally included beginning with first year in which they were independent for more than six months)

COUNTRY	ARMED FORCES PERSONNEL (1,000)						ARMED FORCES PER 1,000 POPULATION					
	1971	1975	1977	1978	1979	1980	1971	1975	1977	1978	1979	1980
United States.....	2,720	2,130	2,100	2,100	2,047	2,075	13.1	10.0	9.7	9.6	9.3	9.1
Algeria.....	80	80	75	75	88	101	5.6	5.0	4.4	4.3	4.9	5.4
Argentina.....	140	160	155	155	160	160	5.8	6.3	5.9	5.8	5.9	5.8
Australia.....	88	70	70	70	70	70	6.7	5.1	5.0	4.9	4.9	4.8
Austria.....	60	50	37	40	38	41	8.0	6.7	5.0	5.3	5.1	5.5
Belgium.....	110	87	85	90	87	88	11.3	8.9	8.7	9.2	8.9	8.9
Brazil.....	375	455	450	450	455	455	3.8	4.2	4.0	3.9	3.8	3.7
Bulgaria.....	189	175	177	164	163	162	22.2	20.1	20.1	18.6	18.5	18.2
Canada.....	85	77	80	80	80	79	3.9	3.4	3.4	3.4	3.4	3.3
Chile.....	70	110	111	111	111	115	7.4	10.8	10.6	10.4	10.3	10.5
China.....												
Mainland.....	2,970	4,300	4,300	4,500	4,500	4,500	3.4	4.5	4.4	4.5	4.4	4.4
Taiwan.....	540	504	460	471	468	465	36.2	31.3	27.4	27.5	26.7	26.1
Cuba.....	140	120	200	210	375	375	16.1	12.9	20.8	21.6	38.3	38.1
Czechoslovakia.....	222	210	208	212	211	212	15.4	14.2	13.7	14.0	13.9	13.9
Denmark.....	45	35	34	34	35	35	9.0	6.9	6.8	6.8	6.9	6.9
Egypt.....	315	400	350	350	340	93	10.8	9.0	8.8	8.5	8.5	8.1
El Salvador.....	8	8	8	10	7	8	1.8	2.0	1.8	2.3	1.5	1.7
Finland.....	40	40	39	39	40	40	8.7	8.5	8.5	8.3	8.3	8.3
France.....	565	575	502	502	508	495	11.0	10.9	9.5	9.4	9.5	9.2
German Dem. Rep. ....	202	220	222	228	227	231	11.8	13.0	13.2	13.6	13.5	13.8
Germany, Fed. Rep. ....	605	495	459	489	495	495	8.2	8.0	8.0	8.0	8.1	8.0
Greece.....	180	191	290	184	185	182	20.5	21.2	31.2	19.6	19.7	19.0
Hungary.....	146	118	144	110	110	119	14.0	11.2	13.6	10.3	10.3	11.1
India.....	1,560	1,670	1,270	1,300	1,288	1,286	2.8	2.7	2.0	2.0	1.9	1.9
Indonesia.....	358	260	260	250	250	250	2.9	1.9	1.8	1.7	1.7	1.7
Iran.....	255	385	350	350	410	280	8.6	11.8	9.9	9.6	11.0	7.2
Iraq.....	105	155	140	140	220	220	10.7	13.8	11.7	11.2	17.1	18.8
Israel.....	130	190	165	165	165	165	41.9	55.8	47.1	45.8	44.6	43.4
Italy.....	435	500	330	365	365	366	8.1	9.0	5.9	6.4	6.4	6.4
Japan.....	234	237	236	239	239	239	2.2	2.1	2.1	2.1	2.1	2.0
Korea, Dem. People's Rep. of....	450	470	520	632	692	716	30.8	28.5	29.5	34.9	37.0	37.1
Korea, Rep. of....	638	630	600	600	638	639	18.9	17.2	15.8	15.6	16.3	16.1
Kuwait.....	14	25	10	10	10	10	17.5	25.0	9.1	8.3	7.7	7.1
Malaysia.....	62	76	79	82	82	82	5.5	6.1	6.1	6.2	6.0	5.9
Mexico.....	80	95	100	145	100	110	1.5	1.6	1.6	2.3	1.5	1.6
Morocco.....	65	75	85	115	116	117	4.0	4.1	4.4	5.8	5.7	5.6
Netherlands.....	110	112	109	100	115	115	8.3	8.2	7.9	7.2	8.2	8.2
Nicaragua.....	6	5	6	(NA)	25	50	3.0	2.3	2.6	(NA)	10.4	20.0
Nigeria.....	320	270	300	204	234	222	5.5	4.1	4.3	2.8	3.1	2.9
Norway.....	35	35	39	39	39	37	9.0	8.8	9.8	9.5	9.5	9.0
Oman.....	4	12	12	12	14	14	14	5.7	15.0	15.0	15.6	15.6
Pakistan.....	404	502	588	518	544	549	6.0	6.7	7.4	6.3	6.5	6.5
Peru.....	75	95	125	125	125	150	5.4	6.1	7.7	7.5	7.3	8.5
Philippines.....	58	120	155	156	156	156	1.5	2.8	3.4	3.4	3.3	3.2
Poland.....	315	435	430	430	425	421	9.6	12.6	12.4	12.3	12.1	11.8
Portugal.....	245	217	58	58	61	60	27.2	23.1	6.1	5.9	6.2	6.1
Qatar.....	(1)	5	5	5	5	5	(1)	25.0	25.0	25.0	25.0	25.0
Romania.....	218	220	220	218	218	215	10.6	10.4	10.1	10.0	9.9	9.7
Saudi Arabia.....	75	95	60	50	50	50	11.7	13.0	7.3	5.7	5.4	5.4
Singapore.....	15	27	36	64	57	57	7.1	11.7	15.7	27.8	23.8	23.8
South Africa.....	50	50	67	78	78	78	2.6	2.0	2.5	2.9	2.8	3.2
Soviet Union.....	3,900	4,100	4,200	4,200	4,300	4,300	15.9	16.1	16.2	16.1	16.3	16.2
Spain.....	365	375	309	321	321	342	10.7	10.6	8.5	8.7	8.7	9.1
Sweden.....	75	75	68	68	66	66	9.3	9.1	8.3	8.3	8.0	8.0
Switzerland.....	25	25	18	18	19	19	4.0	3.8	2.8	2.8	3.0	3.0
Syria.....	110	230	225	225	225	250	16.9	31.1	28.5	27.4	26.5	28.4
Thailand.....	195	227	230	250	250	250	5.1	5.4	5.2	5.5	5.4	5.2
Turkey.....	610	453	540	568	566	567	16.7	11.2	12.7	13.0	12.7	12.3
United Arab Emirates.....	(1)	21	25	25	30	30	(1)	35.0	31.3	31.3	33.3	30.0
United Kingdom.....	370	345	318	318	323	323	6.6	6.2	6.7	5.7	5.8	5.8
Venezuela.....	45	55	55	55	58	58	4.1	4.3	4.0	3.9	4.0	3.4
Vietnam.....	455	643	615	660	650	650	20.1	26.5	12.3	12.9	12.5	12.1
Yugoslavia.....	258	270	270	260	258	258	12.5	12.6	12.4	11.8	11.6	11.6

NA Not available. <sup>1</sup> Pre-independence.Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

## NO. 1534. MILITARY SHIPS OF SELECTED COUNTRIES, BY TYPE: 1975 TO 1982

[Includes vessels in reserve, ships under construction, and vessels belonging to Coast Guard services where applicable. Figures for oilers, supply ships, miscellaneous craft, and total craft are based on different criteria from country to country and from year to year]

COUNTRY AND YEAR	Total	Air-craft carriers	Sub-marines	Cruisers	De-structors and frigates	Cor-vettes, fast attack, and patrol craft	Mine-war-fare forces	Ambi-phibious forces	Oilers and supply ships	Miscella-neous
U.S.: 1975.....	1,039	25	150	39	185	29	37	201	264	109
1980.....	1,947	23	155	30	204	6	25	231	90	1,183
1982.....	2,015	23	158	36	201	3	25	195	66	1,308
China: Mainland: 1975.....	1,983	-	64	-	20	865	28	515	41	450
1980.....	2,207	-	92	-	29	997	97	538	54	400
1982.....	2,336	-	114	-	36	1,048	103	551	54	430
France: 1975.....	458	3	29	2	62	59	60	32	38	173
1980.....	404	2	29	2	57	23	50	71	12	158
1982.....	431	4	32	2	53	22	45	91	11	171
Soviet Union: 1975.....	2,390	2	403	37	217	566	412	153	259	341
1980.....	3,025	5	490	50	240	639	389	378	58	776
1982.....	2,752	5	482	50	287	500	396	321	62	649
United Kingdom: 1975.....	615	3	36	14	73	15	48	63	54	309
1980.....	527	5	35	8	74	19	51	86	31	218
1982.....	501	4	36	4	72	27	58	82	23	195
1982:										
Albania.....	92	-	3	-	-	53	17	-	4	15
Argentina.....	142	1	9	1	21	64	6	17	3	20
Australia.....	129	1	6	-	15	32	7	12	3	53
Belgium.....	56	-	-	-	4	8	27	2	2	13
Brazil.....	171	1	8	-	19	32	6	53	4	46
Bulgaria.....	121	-	2	-	2	28	18	-	5	38
Canada.....	88	-	3	-	26	13	-	30	3	36
Chile.....	75	-	5	3	11	24	-	16	3	13
China: Taiwan.....	190	-	4	-	33	24	23	55	7	44
Colombia.....	62	-	4	-	8	26	-	5	1	18
Cuba.....	158	-	3	-	1	117	8	20	-	9
Denmark.....	144	-	8	-	10	81	21	9	2	13
Ecuador.....	42	-	2	-	2	19	-	-	-	-
Egypt.....	154	-	12	-	8	81	12	5	1	13
Finland.....	73	-	-	-	-	26	3	14	-	14
German Dem. Republic.....	231	-	-	-	2	89	47	16	14	63
Germany, Fed. Rep. of.....	331	-	24	-	21	64	69	35	17	101
Greece.....	209	-	10	-	22	37	16	89	6	29
India.....	135	1	12	1	35	30	14	18	7	17
Indonesia.....	182	-	6	-	10	33	4	84	5	40
Iran.....	109	-	-	-	7	60	5	10	4	23
Iraq.....	76	-	-	-	5	61	5	4	1	-
Israel.....	101	-	3	-	-	68	-	12	-	18
Italy.....	273	2	10	2	24	20	43	63	3	106
Japan.....	243	-	17	-	62	23	43	19	27	52
Korea, Dem. People's Rep. of.....	642	-	18	-	4	408	-	107	-	105
Korea, Rep. of.....	122	-	-	-	21	50	9	31	8	3
Libya.....	74	-	6	-	1	42	2	16	-	7
Malaysia.....	106	-	-	-	4	36	6	5	-	55
Mexico.....	144	-	-	-	10	105	-	7	2	19
Netherlands.....	155	-	10	-	25	11	46	13	2	48
New Zealand.....	19	-	-	-	4	4	-	4	-	7
Nigeria.....	150	-	-	-	2	78	-	-	-	67
Norway.....	111	-	15	-	5	53	13	8	-	17
Pakistan.....	84	-	12	1	10	40	6	2	-	10
Peru.....	93	-	12	3	13	28	-	9	3	21
Philippines.....	233	-	-	-	7	87	-	-	-	28
Poland.....	259	-	4	-	1	89	50	45	2	64
Portugal.....	79	-	3	-	17	27	4	19	2	7
Romania.....	136	-	-	-	-	98	32	-	-	6
Saudi Arabia.....	555	-	-	-	4	52	4	12	2	481
South Africa.....	69	-	3	-	2	41	10	2	1	10
Spain.....	350	2	12	-	35	99	9	109	15	69
Sweden.....	359	-	17	-	3	69	68	150	3	49
Syria.....	39	-	-	-	2	32	4	-	-	1
Thailand.....	188	-	-	-	6	100	9	58	-	12
Turkey.....	330	-	22	-	15	76	42	85	9	81
Venezuela.....	73	-	5	-	10	27	-	18	-	13
Yugoslavia.....	169	-	7	-	1	69	27	35	6	24

- Represents zero.

Source: Jane's Publishing, Inc., New York, N.Y., *Jane's Fighting Ships*, annual. (Copyright by Jane's Publishing Company Ltd., London, England.)

## No. 1535. MONEY SUPPLY—ANNUAL PERCENT CHANGES, BY COUNTRY: 1977 TO 1982

[See text, p. 854, for general comments concerning the data. Money supply as shown here is composed of currency plus demand deposits (M-1). For additional qualifications of the data for individual countries, see source. Minus sign (—) indicates decrease]

COUNTRY	1977-1978	1978-1979	1979-1980	1980-1981	1981-1982	COUNTRY	1977-1978	1978-1979	1979-1980	1980-1981	1981-1982
United States.....	7.3	7.6	8.6	5.1	4.8	Israel.....	37.6	34.0	69.6	93.9	(NA)
Algeria.....	27.8	17.8	16.0	17.2	(NA)	Italy.....	23.8	23.9	15.9	11.1	11.5
Argentina.....	144.3	131.4	115.8	53.9	193.1	Japan.....	10.8	9.9	.8	3.7	7.1
Australia.....	8.8	16.4	14.6	9.7	1.7	Kenya.....	12.9	9.3	10.8	1.8	10.7
Austria.....	5.9	-6.1	7.4	3.8	3.1	Korea, Republic of.....	28.2	18.0	18.0	11.2	28.6
Bangladesh.....	25.9	18.4	18.7	20.4	3.4	Libya.....	23.5	24.7	23.2	32.9	(NA)
Belgium.....	7.0	3.8	-1	3.5	3.3	Malaysia.....	17.9	18.0	17.1	13.3	11.0
Bolivia.....	13.5	13.8	38.4	15.1	(NA)	Mexico.....	37.2	31.4	31.1	36.7	43.9
Brazil.....	38.6	53.2	76.4	65.1	75.4	Morocco.....	12.7	17.0	9.9	9.0	14.8
Burma.....	6.9	13.8	12.2	15.4	(NA)	Netherlands.....	5.3	2.7	4.2	2.6	5.0
Canada.....	8.8	4.9	3.9	3.0	.8	Nigeria.....	11.1	12.0	23.1	20.1	3.9
Chile.....	81.2	60.0	62.6	23.4	-5.5	Norway.....	9.2	8.7	8.5	12.4	10.8
Colombia.....	28.0	25.2	24.8	24.6	(NA)	Pakistan.....	18.5	22.5	18.5	14.0	12.8
Denmark.....	10.7	13.4	6.0	13.1	11.4	Peru.....	34.2	59.6	71.1	43.4	33.7
Dominican Republic.....	15.9	9.5	15.9	2.3	15.9	Philippines.....	16.5	11.9	14.1	11.1	1.8
Ecuador.....	13.3	20.1	25.7	21.5	21.9	Portugal.....	10.2	18.4	24.5	19.4	13.3
Egypt.....	24.3	23.8	21.0	12.0	27.5	Romania.....	12.1	10.4	(NA)	27.0	20.1
El Salvador.....	-.2	12.0	25.2	-2.7	2.1	South Africa.....	6.0	15.3	29.7	38.7	24.0
Ethiopia.....	20.3	14.8	9.7	2.3	.9	Spain.....	18.9	13.8	10.2	11.5	14.7
Finland.....	11.4	16.5	10.9	10.4	17.5	Sri Lanka.....	19.8	17.8	22.2	12.4	18.8
France.....	11.3	12.3	8.0	12.3	14.8	Sweden.....	13.8	12.6	19.0	12.1	9.8
Germany, Fed. Rep. of.....	13.5	7.2	2.4	.9	3.2	Switzerland.....	12.7	8.9	-6.8	-2.2	4.3
Ghana.....	74.1	30.3	34.5	35.2	29.3	Syria.....	27.3	19.8	27.0	27.4	(NA)
Greece.....	18.4	19.7	20.3	18.3	24.8	Thailand.....	15.3	16.6	15.8	5.1	6.5
Guatemala.....	11.0	11.0	5.7	1.0	6.8	Tunisia.....	15.1	15.0	16.0	25.4	18.7
India.....	14.1	20.8	12.3	15.7	(NA)	Turkey.....	33.8	54.8	54.2	37.3	27.5
Indonesia.....	18.9	31.4	43.4	32.6	25.5	United Kingdom.....	20.3	12.2	4.4	10.2	8.2
Iran.....	30.4	48.1	30.6	(NA)	(NA)	Venezuela.....	18.8	7.4	14.1	11.4	9.9
Ireland.....	24.2	24.0	4.6	13.0	7.2	Yugoslavia.....	21.2	17.1	32.4	24.9	24.5

NA Not available.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly, with annual yearbooks.

## No. 1536. CENTRAL BANK DISCOUNT RATES, MONEY MARKET RATES, AND GOVERNMENT BOND YIELDS—SELECTED COUNTRIES: 1978 TO 1983

[In percent per annum. Central bank discount rates refer to the rate at which the monetary authority lends or discounts eligible paper for deposit money banks. Money market rates refer to the rate at which short-term borrowings are effected between financial institutions, except for Canada, Switzerland, and United Kingdom, refer to the rate at which short-term government paper is issued or traded in the market. Government bond yields refer to one or more series representing average yields to maturity of government bonds or other bonds that would be indicative of longer term rates]

NATIONAL INTEREST RATE	United States	Canada	Japan	France	Germany, Fed. Rep.	Italy	Netherlands	Sweden	Switzerland	United Kingdom
<b>Central bank discount rates:<sup>1</sup></b>										
1978.....	9.50	10.75	3.50	9.50	3.00	10.50	6.50	6.50	1.00	12.50
1979.....	12.00	14.00	6.25	9.50	6.00	15.00	9.50	9.00	2.00	17.00
1980.....	13.00	17.26	7.25	9.50	7.50	16.50	8.00	10.00	3.00	14.00
1981.....	12.00	14.66	5.50	9.50	7.50	19.00	9.00	11.00	6.00	( <sup>2</sup> )
1982.....	8.50	10.05	5.50	9.50	5.00	18.00	5.00	10.00	4.50	( <sup>2</sup> )
1983, June.....	8.50	9.42	5.50	9.50	4.00	17.00	4.50	8.50	4.00	( <sup>2</sup> )
<b>Money market rates:<sup>3</sup></b>										
1978.....	7.93	8.67	(NA)	8.16	3.70	11.49	€ 24	7.16	(NA)	3.70
1979.....	11.20	11.68	(NA)	9.48	6.69	11.86	9.03	8.19	(NA)	13.59
1980.....	13.36	12.80	(NA)	12.20	9.54	17.17	10.13	12.17	5.15	16.10
1981.....	16.38	17.72	7.69	15.26	12.11	19.80	11.01	14.35	7.82	13.29
1982.....	12.26	13.64	7.12	14.73	8.88	20.18	8.06	13.29	3.87	11.57
1983, June.....	8.98	9.17	6.64	12.81	5.57	18.22	4.94	11.00	3.65	9.37
<b>Government bond yields:</b>										
1978.....	8.49	9.30	6.09	8.96	5.80	13.70	7.74	10.09	3.33	12.47
1979.....	9.33	10.26	7.69	9.48	7.40	14.05	8.78	10.47	3.45	12.99
1980.....	11.39	12.49	9.22	12.99	8.50	16.11	10.21	11.74	4.77	13.79
1981.....	13.72	15.22	8.66	15.66	10.38	20.58	11.55	13.49	5.57	14.74
1982.....	12.92	14.26	8.06	15.56	8.95	20.90	10.10	13.04	4.83	12.88
1983, June.....	11.12	11.56	7.49	13.69	8.00	17.91	9.22	12.17	4.59	10.39

NA Not available. <sup>1</sup> End of period. <sup>2</sup> Minimum lending rate suspended as of August 20, 1981. <sup>3</sup> Period averages.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly.

## No. 1537. FOREIGN EXCHANGE RATES: 1965 TO 1983

[In U.S. cents per unit of foreign currency. Except as indicated, figures are annual averages]

COUNTRY	Currency unit	1965	1970	1975	1978	1979	1980	1981	1982	1983, Aug.
Australia.....	Dollar.....	222.78	111.36	130.77	114.82	111.77	114.00	114.95	101.65	91.33
Austria.....	Schilling.....	3.87	3.87	5.75	6.90	7.48	7.73	6.29	5.86	5.85
Belgium.....	Franc.....	2.01	2.01	2.73	3.18	3.41	3.42	2.70	2.18	2.08
Canada.....	Dollar.....	92.74	95.80	98.30	87.73	85.39	85.53	83.41	81.01	81.37
Denmark.....	Krone.....	14.46	13.33	17.44	16.16	19.01	17.77	14.08	11.98	11.59
France.....	Franc.....	20.40	18.09	23.35	22.22	23.50	23.69	18.49	15.20	14.11
Germany, Fed. Rep.....	Duiteche Mark.....	25.04	27.42	40.73	49.87	54.56	55.09	44.36	41.19	41.17
India.....	Rupee.....	20.94	13.23	11.93	12.21	12.27	12.69	11.55	10.54	10.07
Ireland.....	Pound.....	279.59	239.59	222.16	191.84	204.65	205.77	161.32	142.05	133.38
Italy.....	Lira.....	.16	.16	.16	.12	.12	.12	.09	.07	.07
Japan.....	Yen.....	.28	.28	.34	.48	.46	.44	.45	.40	.42
Mexico.....	Peso.....	8.01	8.01	8.00	4.39	4.38	4.35	4.08	3.37	1.05
Netherlands.....	Guilder.....	27.77	27.65	39.63	46.28	49.84	50.37	40.19	37.43	36.96
Norway.....	Krone.....	13.98	13.99	19.18	19.08	19.75	20.28	17.46	15.49	14.04
Portugal.....	Escudo.....	3.48	3.50	3.93	2.28	2.04	2.00	1.63	1.25	1.04
South Africa.....	Rand.....	139.27	139.24	136.47	115.01	118.72	128.54	114.77	92.30	92.07
Spain.....	Peseta.....	1.67	1.43	1.74	1.31	1.49	1.40	1.09	.91	.75
Sweden.....	Krona.....	19.39	19.28	24.14	22.14	23.32	23.55	19.86	15.91	13.42
Switzerland.....	Franc.....	23.11	23.20	38.74	56.28	60.12	59.70	51.03	49.20	49.13
United Kingdom.....	Pound.....	279.59	239.59	222.16	191.84	212.24	232.58	202.43	174.80	154.16

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

## No. 1538. FOREIGN EXCHANGE RATES, BY COUNTRY: 1980 TO 1982

[National currency units per U.S. dollar. As of December 31. Represents mid-point market quotations to extent available. For countries with fixed relationships to a third currency, represents exchange rates of the third currency, times the fixed relationships. For currencies not quoted in exchange markets, represents official rates. For countries with multiple exchange rate systems, represents rate applicable to principal trade transactions]

COUNTRY	Currency unit	EXCHANGE RATE			COUNTRY	Currency unit	EXCHANGE RATE		
		1980	1981	1982			1980	1981	1982
Algeria.....	Dinar.....	3.97	4.38	4.64	Korea, Rep. of.....	Won.....	660	701	749
Argentina.....	Peso Argentino.....	1,992	7,248	4,855	Kuwait.....	Dinar.....	.271	.281	.289
Australia.....	Dollar.....	.847	.887	1.020	Liberia.....	Dollar.....	1.00	1.00	1.00
Austria.....	Schilling.....	13.8	15.9	16.7	Libya.....	Dinar.....	.296	.295	.295
Belgium.....	Franc.....	31.5	38.5	46.9	Malaysia.....	Ringgit.....	2.22	2.24	2.32
Bolivia.....	Peso Boliviano.....	24.5	24.5	196.0	Mexico.....	Peso.....	23.3	26.2	95.5
Brazil.....	Cruzeiro.....	65.5	127.8	252.7	Netherlands.....	Guilder.....	2.13	2.47	2.82
Canada.....	Dollar.....	1.19	1.19	1.23	New Zealand.....	NZ Dollar.....	1.04	1.21	1.37
Chile.....	Peso.....	39.0	39.0	73.4	Nicaragua.....	Cordoba.....	10.05	10.05	10.05
Colombia <sup>1</sup> .....	Peso.....	50.9	59.1	70.3	Nigeria.....	Naira.....	.544	.637	.670
Costa Rica.....	Colon.....	8.57	36.1	40.3	Norway.....	Krone.....	5.18	5.81	7.05
Denmark.....	Krone.....	6.02	7.33	8.38	Pakistan.....	Rupee.....	9.90	9.90	12.84
Egypt <sup>2</sup> .....	Pound.....	.700	.700	.700	Peru.....	Sol.....	341.2	506.2	989.7
Finland.....	Markka.....	3.84	4.36	5.29	Philippines.....	Peso.....	7.60	8.20	9.17
France.....	Franc.....	4.52	5.75	6.73	Portugal.....	Escudo.....	53.0	65.2	89.1
Germany, F. R. of.....	D. Mark.....	1.96	2.25	2.38	Saudi Arabia.....	Riyal.....	3.33	3.42	3.44
Ghana.....	Cedi.....	2.75	2.75	2.75	Singapore.....	Dollar.....	2.09	2.05	2.11
Greece.....	Drachma.....	46.5	57.6	70.6	South Africa.....	Rand.....	.746	.957	1.074
Honduras.....	Lempira.....	2.00	2.00	2.00	Spain.....	Peseta.....	79.3	97.5	125.6
India.....	Rupee.....	7.93	9.10	9.63	Sri Lanka.....	Rupee.....	18.00	20.55	21.32
Indonesia.....	Rupiah.....	627	644	693	Sweden.....	Krona.....	4.37	5.57	7.29
Iran.....	Rial.....	72.3	79.5	83.4	Switzerland <sup>3</sup> .....	Franc.....	1.76	1.80	1.89
Iraq.....	Dinar.....	.295	.295	.311	Tanzania.....	Shilling.....	6.18	8.32	9.57
Ireland.....	Pound.....	.527	.633	.716	Thailand.....	Baht.....	20.6	23.0	23.0
Israel.....	Shekel.....	7.55	15.60	33.65	Turkey.....	Lira.....	90.2	133.6	186.8
Italy.....	Lira.....	931	1,200	1,370	United Kingdom.....	Pound.....	.419	.524	.619
Ivory Coast.....	CFA Franc.....	226	287	336	Uruguay <sup>1</sup> .....	New Peso.....	10.03	11.59	33.75
Jamaica.....	Dollar.....	1,781	1,781	1,781	Venezuela <sup>1</sup> .....	Bolivar.....	4.29	4.29	4.29
Japan.....	Yen.....	203	220	235	Yugoslavia.....	Dinar.....	29.3	41.8	62.5
Jordan.....	Dinar.....	.308	.339	.351	Zaire.....	Zaire.....	2,985	5,465	5,746
Kenya.....	Shilling.....	7.57	10.29	12.73	Kwacha.....	Kwacha.....	.803	.883	.930

<sup>1</sup> Selling rates: The rates at which monetary authorities (or commercial banks) sell foreign exchange for national currency to those making payments abroad. <sup>2</sup> Represents official rate. <sup>3</sup> Buying rates: The rates at which the monetary authorities (or the commercial banks) buy foreign exchange for national currency from recipients of foreign exchange.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly.

**NO. 1539. RESERVE ASSETS AND CURRENT ACCOUNT AND MERCHANDISE TRADE BALANCES:**  
**1975 TO 1982**

[In millions of U.S. dollars. Assets include holdings of convertible foreign currencies, special drawing rights, and reserve position in International Monetary Fund and exclude gold holdings. Minus sign (--) indicates debits]

COUNTRY	TOTAL RESERVE ASSETS				CURRENT ACCOUNT BALANCE			MERCHANDISE TRADE BALANCE		
	1975	1980	1982		1975	1980	1982	1975	1980	1982
			Total	Curren- cy hold- ings <sup>1</sup>						
United States.....	4,627	15,600	22,810	10,210	18,350	1,480	-11,190	9,080	-25,330	-36,390
Algeria.....	1,128	3,773	2,422	2,129	-1,662	249	(NA)	-951	4,056	(NA)
Argentina.....	298	6,719	2,506	2,406	-1,287	-4,774	-2,477	-549	-1,373	2,726
Australia.....	2,954	1,690	6,371	6,285	-1,060	-4,045	-8,601	2,212	1,518	-2,611
Austria.....	3,583	5,280	5,300	4,765	-331	-1,725	387	-1,547	-6,471	-3,291
Belgium.....	4,069	7,823	3,927	2,824	266	-4,945	(NA)	-769	-5,154	(NA)
Brazil.....	3,980	5,769	3,928	3,641	-7,008	-12,806	(NA)	-3,550	-2,823	(NA)
Canada.....	4,426	3,041	3,000	2,564	-4,698	-913	2,398	-378	8,013	15,417
Chile.....	56	3,123	1,814	1,717	-490	-1,971	-2,382	70	-764	218
Colombia.....	475	4,831	3,861	3,489	-108	-159	-2,267	293	-238	-1,946
Denmark.....	803	3,387	2,266	1,961	-490	-2,467	-2,259	-1,304	-2,023	-794
Ecuador.....	253	1,013	304	304	-220	-642	(NA)	7	302	(NA)
Egypt.....	194	1,046	698	698	-2,384	-438	(NA)	-2,374	-2,960	(NA)
Finland.....	433	1,870	1,518	1,317	-2,180	-1,395	-920	-1,626	-378	301
France.....	8,457	27,340	16,591	14,594	-6	-4,209	-12,155	993	-13,418	-16,030
Germany, Fed. Rep. of.....	26,216	48,012	44,762	39,620	3,630	-15,940	3,410	16,120	8,980	25,190
Greece.....	783	1,346	861	800	-877	-2,209	-1,892	-2,360	-5,557	-4,769
India.....	1,089	6,944	4,315	3,539	-147	-1,786	(NA)	-286	-5,644	(NA)
Indonesia.....	584	5,392	3,144	2,593	-1,109	2,865	(NA)	1,419	9,171	(NA)
Ireland.....	1,513	2,860	2,622	2,433	-56	-1,652	(NA)	-486	-2,122	(NA)
Israel.....	1,137	3,351	3,839	3,839	-2,113	-805	-2,098	-3,464	-3,188	-3,299
Italy.....	1,394	23,140	14,081	12,611	-422	-9,801	-5,768	-1,145	-16,417	-8,130
Japan.....	11,950	24,636	23,334	19,172	-690	-10,750	-1,300	4,940	2,130	8,980
Jordan.....	459	1,143	884	848	45	373	(NA)	-496	-1,557	(NA)
Korea, Republic of.....	781	2,925	2,807	2,744	-1,888	-5,321	-2,650	-1,671	-4,384	-2,594
Kuwait.....	1,492	3,929	5,913	5,336	5,799	15,271	5,786	6,137	13,847	3,501
Libya.....	2,095	13,091	7,059	6,708	392	8,239	(NA)	1,994	11,028	(NA)
Malaysia.....	1,458	4,387	3,768	3,509	-495	-362	(NA)	255	2,255	(NA)
Mexico.....	1,383	2,960	834	828	-4,042	-7,542	(NA)	-3,271	-2,310	(NA)
Netherlands.....	4,884	11,645	10,132	8,862	1,991	-2,938	3,526	893	-1,417	3,891
Nigeria.....	5,586	10,235	1,613	1,568	42	4,977	(NA)	2,845	9,494	(NA)
Norway.....	2,197	6,048	6,874	6,288	-2,478	1,098	805	-2,871	1,896	2,338
Pakistan.....	340	495	969	853	-1,049	-925	-821	-1,157	-2,876	-3,385
Peru.....	426	1,979	1,348	1,316	-1,540	62	-1,847	-1,098	636	-557
Philippines.....	1,314	2,846	1,720	1,717	-924	-2,046	(NA)	-1,196	-1,938	(NA)
Portugal.....	398	795	447	391	-754	-1,064	(NA)	-1,602	-4,029	(NA)
Saudi Arabia.....	23,193	23,437	29,549	23,813	14,311	41,400	(NA)	21,290	72,479	(NA)
Singapore.....	3,007	6,567	8,480	8,351	-685	-1,564	-1,279	-2,429	-4,229	-6,972
South Africa.....	489	726	485	376	-2,567	3,742	(NA)	-852	7,289	(NA)
Spain.....	5,506	11,863	7,655	7,223	-4,282	-5,167	-3,961	-7,400	-11,763	-8,181
Sweden.....	2,839	3,418	3,513	3,091	-342	-4,404	-3,454	1,078	-2,198	-415
Switzerland.....	7,019	15,655	15,460	14,941	2,587	-551	(NA)	-9	-5,902	(NA)
Thailand.....	1,879	1,560	1,538	1,513	-606	-2,070	-1,125	-661	-1,803	-631
Trinidad and Tobago.....	751	2,781	3,081	2,893	272	474	(NA)	311	836	(NA)
Turkey.....	918	1,274	923	923	-1,848	-2,992	(NA)	-2,834	-8,799	(NA)
United Kingdom.....	4,597	20,651	12,397	9,674	-3,463	7,080	6,996	-7,460	3,047	3,729
Venezuela.....	6,403	6,604	6,579	5,386	2,171	4,728	(NA)	3,391	8,174	(NA)
Yemen Arab Republic.....	388	1,283	554	539	129	-685	(NA)	-231	-1,855	-1,921
Yugoslavia.....	812	1,384	775	772	-626	-2,290	-465	-2,985	-4,836	-1,982

NA Not available. <sup>1</sup> Holdings of convertible foreign currencies.

Source: International Monetary Fund, Washington, D.C., *International Financial Statistics*, monthly with annual supplements.

**NO. 1540. TOTAL EXTERNAL PUBLIC DEBT, 1973 TO 1981, AND BY TYPE OF CREDITOR, 1981, AND  
DEBT SERVICE PAYMENTS AND RATIO, 1975 TO 1981**

[External public debt is defined as debt repayable to external creditors in foreign currency, goods, or services, with an original or extended maturity of more than one year, which is a direct obligation of, or has repayment guaranteed by, a public body in the borrowing country. Excludes undisbursed debt (amounts not yet drawn by recipient) and unguaranteed private debt, which for some countries is substantial. Debt contracted for the purchase of military equipment is not usually reported. Debt service payments represent the sum of interest payments and repayments of principal on external public debt]

COUNTRY	TOTAL EXTERNAL PUBLIC DEBT (mil. dol.)							DEBT SERVICE PAYMENTS (mil. dol.)			DEBT SERVICE RATIO <sup>3</sup> (percent)		
				1981									
	1973	1975	1980	Total <sup>1</sup>	Bi-lateral official	Banks <sup>2</sup>	International organizations	1975	1980	1981	1975	1980	1981
Afghanistan .....	734	820	(NA)	(NA)	(NA)	(NA)	(NA)	27	(NA)	(NA)	(NA)	(NA)	(NA)
Algeria.....	2,932	4,477	15,078	14,392	2,259	8,891	287	457	3,710	3,880	8.7	24.9	(NA)
Argentina.....	2,783	3,121	10,187	10,506	683	7,156	1,231	789	1,987	2,150	22.0	17.7	18.2
Bangladesh .....	368	1,611	3,520	3,850	2,086	34	1,621	66	76	98	16.2	5.6	6.9
Bolivia.....	632	799	2,124	2,422	764	1,006	559	74	274	279	15.0	25.9	27.0
Brazil.....	7,531	13,849	39,151	49,821	3,798	35,153	3,447	1,692	8,022	8,607	17.0	34.4	31.9
Burma.....	232	281	1,453	1,639	885	203	410	34	112	137	17.4	22.6	22.1
Cameroon.....	237	372	1,997	2,034	778	613	530	36	183	200	5.3	(NA)	(NA)
Chile.....	2,813	3,732	4,720	4,423	1,014	2,570	402	502	1,975	1,663	27.2	21.9	27.2
Colombia.....	1,949	2,372	4,078	5,123	1,027	2,254	1,597	238	528	665	10.6	9.3	13.4
Congo.....	206	374	942	1,105	412	404	140	36	99	108	13.2	9.6	9.2
Costa Rica.....	249	421	1,682	2,246	449	1,255	485	64	204	190	10.7	16.8	15.3
Dominican Rep.....	314	411	1,188	1,260	519	460	278	49	157	201	4.7	10.6	10.6
Ecuador.....	336	462	2,655	3,392	432	2,248	464	51	409	536	4.5	13.7	17.9
Egypt.....	2,224	4,829	12,795	13,887	8,420	658	3,171	595	1,438	2,065	22.5	15.6	22.7
Ethiopia.....	256	344	689	792	317	30	410	25	34	40	7.3	5.8	7.6
Gabon.....	346	735	1,189	915	278	499	59	69	390	300	5.5	16.0	11.9
Ghana.....	704	677	993	979	464	(NA)	335	48	68	78	5.3	5.3	9.1
Greece.....	1,652	2,633	4,785	5,817	594	4,684	457	457	912	1,326	10.5	9.7	12.9
Guatemala.....	112	164	551	684	256	(NA)	428	13	65	50	1.7	3.5	3.3
Guinea.....	605	762	1,023	1,255	578	45	188	35	96	83	(NA)	(NA)	(NA)
Honduras.....	134	264	981	1,223	296	284	568	17	98	115	4.7	10.2	12.7
India.....	10,404	12,244	17,576	17,975	9,411	662	7,801	754	1,056	1,025	12.4	(NA)	(NA)
Indonesia.....	5,249	7,994	14,882	15,529	7,704	4,287	2,042	524	1,772	1,974	7.5	8.0	8.2
Iran.....	4,470	3,815	(NA)	(NA)	(NA)	(NA)	(NA)	948	(NA)	(NA)	4.1	(NA)	(NA)
Iraq.....	449	431	(NA)	(NA)	(NA)	(NA)	(NA)	54	(NA)	(NA)	7	(NA)	(NA)
Israel.....	4,527	5,915	12,633	13,866	9,215	4,509	128	712	1,175	2,075	18.6	11.6	19.1
Ivory Coast.....	560	923	4,265	4,497	555	2,893	592	131	830	902	8.7	22.2	(NA)
Jamaica.....	349	688	1,314	1,435	583	447	350	81	202	352	6.9	13.7	22.5
Jordan.....	209	340	1,266	1,419	951	240	195	21	134	182	3.6	5.4	5.7
Kenya.....	440	553	2,079	2,228	569	752	772	36	210	293	3.8	10.4	17.1
Korea, Rep. of.....	3,521	5,539	16,274	19,964	4,991	9,721	2,711	666	2,762	3,597	11.3	12.2	13.1
Lebanon.....	56	46	194	246	49	113	85	11	13	54	(NA)	(NA)	(NA)
Malaysia.....	720	1,338	3,103	4,627	761	2,958	849	144	326	402	3.3	2.2	3.1
Mali.....	282	392	673	738	474	7	250	3	9	9	2.7	2.7	3.8
Mauritania.....	106	188	723	827	556	38	172	40	30	54	20.7	10.9	15.8
Mexico.....	5,585	11,537	33,591	42,716	1,664	37,095	3,668	1,593	7,686	8,482	25.0	31.8	28.2
Morocco.....	998	1,753	7,098	7,879	3,507	3,146	1,003	145	1,191	1,233	5.7	27.5	30.1
Nicaragua.....	334	600	1,695	1,975	664	746	551	56	77	184	12.3	(NA)	(NA)
Nigeria.....	1,157	1,066	4,001	4,652	363	3,660	621	247	500	857	2.7	1.8	4.6
Oman.....	42	270	450	556	289	225	41	35	286	95	2.4	7.5	1.9
Pakistan.....	4,232	5,096	8,779	8,814	6,401	368	1,902	250	592	529	15.5	11.1	9.6
Panama.....	458	771	2,248	2,368	243	1,737	358	72	465	492	5.8	12.8	11.5
Peru.....	1,442	3,021	6,168	5,974	2,483	2,162	648	441	1,504	1,695	25.6	31.0	44.9
Philippines.....	877	1,377	6,406	7,388	1,348	3,792	2,007	220	582	875	6.9	7.2	9.9
Portugal.....	714	1,060	5,625	6,313	1,481	3,924	470	112	988	1,248	2.7	10.1	13.5
Senegal.....	176	296	867	945	372	185	349	39	177	94	5.5	(NA)	(NA)
Singapore.....	423	550	1,320	1,318	393	613	174	55	263	229	.7	1.1	1.8
Somalia.....	127	230	725	877	575	25	277	4	9	16	3.4	3.5	6.1
Sri Lanka.....	485	597	1,327	1,585	916	254	374	138	82	91	21.5	5.5	5.7
Sudan.....	501	1,273	3,891	4,807	2,510	1,206	893	112	89	83	21.7	6.9	5.0
Syria.....	413	674	2,269	2,337	1,867	43	352	105	402	411	7.6	12.0	12.1
Tanzania.....	464	798	1,360	1,476	747	67	661	29	52	107	2.9	7.2	(NA)
Thailand and Tobago.....	442	616	4,128	5,169	1,349	2,245	1,495	72	434	621	2.4	5.1	6.7
Tunisia.....	164	159	606	659	191	407	61	27	222	98	2.1	6.5	(NA)
Turkey.....	810	1,021	3,173	3,171	1,608	870	526	101	427	507	6.8	12.7	13.9
Uruguay.....	2,869	3,165	13,477	13,809	5,292	4,000	2,814	283	1,001	1,168	7.9	17.4	15.0
Venezuela.....	347	618	1,080	1,312	137	965	179	229	191	174	41.2	12.0	9.5
Yemen Arab Rep.....	1,541	1,262	10,873	11,352	180	10,826	180	539	2,984	3,049	5.3	13.3	12.5
Yugoslavia.....	173	244	876	1,094	968	14	213	5	18	59	1.3	1.1	4.6
Zaire.....	1,875	2,925	4,551	5,266	2,374	1,369	1,523	452	615	808	3.5	(NA)	(NA)
Zambia.....	904	1,718	3,817	3,980	2,098	1,101	471	152	318	212	14.4	(NA)	(NA)
	704	1,156	2,418	2,294	1,090	418	471	97	326	284	11.0	22.2	24.0

NA Not available. <sup>1</sup> Includes other types of creditors, not shown separately.  
<sup>2</sup> Includes other private financial institutions.

<sup>3</sup> Debt service payments as percent of exports.

Source: The World Bank, Washington, D.C., *World Debt Tables*, periodic.

**NO. 1541. NET FLOW OF FINANCIAL RESOURCES TO DEVELOPING COUNTRIES, BY ORIGIN AND TYPE OF RESOURCE: 1970 TO 1982**

[In billions of U.S. dollars. Net flow covers loans, grants, and grant-like flows minus amortization on loans. Military flows are excluded. Developing countries cover countries designated by Development Assistance Committee as developing. The DAC list differs from the UN list (see table 1503) by the inclusion of Greece, Malta, Portugal, Spain (through 1981), and Yugoslavia and the exclusion of South Africa. Official development assistance covers all flows to developing countries and multilateral institutions provided by official agencies, including State and local governments, or by their executive agencies, which are administered with the promotion of economic development and welfare of developing countries as their main objective and whose financial terms are intended to be concessional in character with grant element of at least 25 percent. Other official flows cover export credits and portfolio investment from the official sector.]

ORIGIN AND TYPE OF RESOURCE	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982
Development Assistance Committee countries <sup>1</sup> .....	15.9	22.5	44.8	46.5	51.8	71.2	75.8	75.6	89.7	82.7
Official development assistance .....	6.9	11.6	13.8	13.9	15.7	20.0	22.8	27.3	25.6	27.9
Bilateral grants .....	3.3	5.3	6.3	6.5	7.2	9.4	11.7	14.1	13.2	13.4
Bilateral loans .....	2.4	2.9	3.5	3.0	2.9	3.7	4.6	4.0	5.1	5.1
Multilateral contributions <sup>2</sup> .....	1.3	3.4	4.0	4.4	5.6	6.9	6.5	9.2	7.3	9.3
Other official flows .....	1.1	3.0	3.8	4.1	3.3	5.4	2.9	5.3	5.6	7.9
Private flows at market terms .....	7.0	6.7	25.7	27.0	31.2	44.1	48.1	40.7	55.5	44.7
Direct investment .....	3.7	1.1	10.3	7.5	9.5	10.9	12.4	10.5	15.7	9.8
Private export credits .....	2.2	1.8	3.5	6.2	8.3	9.9	9.4	11.5	10.5	7.2
Portfolio investment .....	1.2	3.8	11.9	13.3	13.4	23.3	26.3	18.7	29.2	27.7
Private voluntary agencies .....	.9	1.2	1.3	1.4	1.5	1.7	2.0	2.4	2.0	2.3
Organization of Petroleum Exporting Countries <sup>4</sup> .....	.6	5.2	7.8	7.8	7.3	9.3	9.0	11.6	11.5	9.7
Official development assistance .....	.4	4.3	6.2	6.1	6.1	8.1	7.8	9.7	8.5	6.7
Other official flows .....	.2	.9	1.6	1.7	1.2	1.2	1.2	2.1	3.0	3.0
Centrally-planned economies <sup>5</sup> .....	1.1	1.4	.8	1.2	1.2	1.3	(NA)	(NA)	(NA)	(NA)
Official development assistance .....	1.0	1.3	.7	1.1	1.1	1.2	1.8	2.2	2.1	2.2
Other official flows .....	.1	.1	.1	.1	.1	(NA)	(NA)	(NA)	(NA)	(NA)
Total net flow to developing countries, by DAC country <sup>1</sup> .....	15.9	22.5	44.8	46.5	51.8	71.2	75.8	75.6	89.7	82.7
United States .....	6.4	4.5	17.7	12.4	12.4	16.2	18.8	13.9	25.4	30.2
Official development assistance .....	3.2	3.7	4.2	4.4	4.7	5.7	4.7	7.1	5.8	8.2
Bilateral grants <sup>2</sup> .....	1.4	1.7	1.7	1.7	1.7	2.1	2.5	3.0	3.2	3.8
Bilateral loans .....	1.3	.8	1.2	1.2	1.2	1.4	1.6	1.4	1.2	1.1
Multilateral contributions <sup>3</sup> .....	.5	1.1	1.2	1.5	1.8	2.2	2.6	2.8	1.5	3.3
Other official flows .....	.1	.8	.9	.8	.8	1.3	1.1	1.1	.9	1.6
Private flows at market terms .....	2.5	-.7	11.8	6.4	6.2	8.3	12.0	4.3	18.7	19.1
Direct Investment .....	1.8	-2.2	7.2	3.1	4.9	5.6	8.0	3.4	6.5	5.5
Private export credits and portfolio investment .....	.6	1.5	4.6	3.3	1.3	2.7	4.0	.9	12.2	13.6
Private voluntary agencies .....	.6	.7	.8	.8	.8	.9	1.0	1.3	1.0	1.3
Australia .....	.4	.5	.6	.5	.6	.7	.9	.8	.8	1.2
Austria .....	.1	.2	.2	.4	.5	.5	.3	.4	.3	.3
Belgium .....	.3	.6	.9	1.2	1.3	2.8	2.3	2.9	2.8	.7
Canada .....	.6	1.7	2.0	2.3	2.3	2.4	2.3	3.5	4.1	1.5
Denmark .....	.1	.2	.3	.5	.5	.7	.8	.8	.9	1.0
Finland .....	(2)	.1	.1	.1	.1	.1	.2	.2	.2	.2
France .....	1.8	3.4	3.9	5.3	5.2	7.8	8.8	11.6	11.5	13.6
Germany, Fed. Rep. of .....	1.5	3.2	5.0	5.5	6.1	7.6	7.3	10.6	8.1	7.0
Italy .....	.7	.4	1.6	1.5	2.0	3.2	4.1	4.0	3.7	4.7
Japan .....	1.8	3.0	2.9	4.0	5.5	10.7	7.6	6.8	12.2	8.8
Netherlands .....	.4	.9	1.3	1.7	2.1	2.7	2.0	2.4	2.2	2.5
New Zealand .....	(2)	.1	.1	.1	.1	.1	.1	.1	.1	.1
Norway .....	.1	.2	.3	.5	.5	.6	.8	.8	.7	.8
Sweden .....	.2	.6	.8	1.1	1.6	1.3	1.2	1.9	1.4	1.8
Switzerland .....	.1	.4	7	1.4	3.9	3.7	5.0	2.7	2.3	2.3
United Kingdom .....	1.3	2.6	6.6	8.1	7.1	9.9	13.5	12.2	11.9	6.1

NA Not available. Z Less than \$50 million. <sup>1</sup> Includes flows to OPEC countries (see footnote 4). Comprises as donors Australia, Austria, Belgium, Canada, Denmark, Finland, France, Federal Republic of Germany, Italy, Japan, Netherlands, New Zealand, Norway, Sweden, Switzerland, United Kingdom, and United States. <sup>2</sup> Includes "grant-like" flows (i.e., loans repayable in recipients' currencies). <sup>3</sup> Includes capital subscriptions to multilateral organizations in the form of demand instruments as of date of issue. <sup>4</sup> Algeria, Iran, Iraq, Kuwait, Libya, Nigeria, Qatar, Saudi Arabia, United Arab Emirates, and Venezuela. <sup>5</sup> Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Romania, and Soviet Union.

**NO. 1542. PER CAPITA PUBLIC AND PRIVATE AID TO DEVELOPING COUNTRIES: 1980 TO 1982**

[In dollars. See headnote, table 1541. Private aid figures exclude government subsidies to voluntary agencies. Countries are ranked by per capita gross national product in 1982.]

COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID			COUNTRY	OFFICIAL DEVELOPMENT ASSISTANCE			PRIVATE VOLUNTARY AID		
	1980	1981	1982	1980	1981	1982		1980	1981	1982	1980	1981	1982
Switzerland .....	40	37	39	10	9	9	Finland .....	23	28	30	3	3	3
Norway .....	119	114	136	8	9	9	Netherlands .....	115	106	103	6	6	8
United States .....	31	25	35	6	4	6	Japan .....	29	27	26	(Z)	(Z)	(Z)
Sweden .....	116	110	119	7	7	7	Austria .....	24	42	47	3	3	2
Canada .....	45	49	49	4	4	5	Belgium .....	60	58	51	5	4	3
Germany, F.R. ....	58	52	51	7	6	6	United Kingdom .....	33	39	32	2	2	2
Denmark .....	92	79	81	3	2	2	New Zealand .....	23	21	21	2	2	1
Australia .....	45	43	59	3	2	2	Italy .....	12	12	14	(Z)	(Z)	(Z)
France .....	77	77	74	1	1	1							

Z Less than 50 cents.

Source of tables 1541 and 1542: Organization for Economic Cooperation and Development, Paris, France, unpublished data.